

GEORGIA
STATE COLLEGE

SAVANNAH, GEORGIA



BULLETIN - 1948 - 1949

With Announcements for 1949-50 Session

Catalogue Issue

THE CALENDAR FOR 1949-50

1949

JANUARY						
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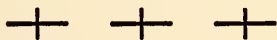
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GEORGIA STATE COLLEGE

Catalogue Issue

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With Announcements For 1949-50




Volume 2

April 1949

Number 5

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COLLEGE CALENDAR — 1948-1949

FALL QUARTER — 1948

SEPTEMBER

21	Tuesday	—Orientation Week begins.
22, 23, 24	Wednesday through Friday	—Registration.
27	Monday	—Classes begin.

OCTOBER

1	Friday	—Last day for registration with payment of late fee.
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NOVEMBER

25, 27	Thursday through Saturday	—Thanksgiving recess.
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DECEMBER

1	Wednesday	—High school validation examination.
15, 16, 17, 18	Wednesday through Saturday	—Final examinations.
18	Saturday	—Fall quarter ends.
19	Sunday	—Christmas vacation begins.

WINTER QUARTER — 1949

JANUARY

3	Monday	—Registration.
4	Tuesday	—Classes begin.
5	Wednesday	—Last day for registration with payment of late fee.
25	Tuesday	—Last day for filing applications for degrees to be awarded at the June 1949 Commencement.

MARCH

5	Saturday	—High school validation examination.
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MARCH

16, 17, 18, 19	Wednesday through Saturday	—Final examinations.
19	Saturday	—Winter quarter ends.
20	Sunday	—Spring recess begins.

SPRING QUARTER — 1949

MARCH

24	Thursday	—Registration.
25	Friday	—Classes begin.
28	Monday	—Last day for registration with payment of late fee.

APRIL
2 Saturday —Constitutions examinations.

JUNE
5 Sunday —Baccalaureate sermon.

6, 7, 8, 9 Monday
through Thursday—Final examinations.

8 Wednesday —Commencement.

9 Thursday —Spring quarter ends.

SUMMER QUARTER — 1949

FIRST SESSION, JUNE 13—JULY 16

JUNE
13 Monday —Registration.

JUNE
14 Tuesday —Classes begin.

14 Tuesday —Late registration fee of \$2.00 after this date.

15 Wednesday —Last day to register for credit.

21 Tuesday —High school validation examination.

30 Thursday —Last day for filing applications for degrees to be awarded at the Summer Commencement.

JULY
2 Saturday —Constitutions examination.

14 Thursday —Classes end.

15 Friday —Final examinations.

16 Saturday —Final examinations.

SECOND SESSION, JULY 18—AUGUST 20

JULY
18 Monday —Registration.

19 Tuesday —Classes begin.

19 Tuesday —Late registration fee of \$2.00 after this date.

20 Wednesday —Last day to register for credit.

26 Tuesday —Constitutions examination.

AUGUST
6 Saturday —High school validation examination.

14 Sunday —Baccalaureate sermon.

18 Thursday —Classes end.

AUGUST

18	Thursday	—Summer Quarter Commencement.
19	Friday	—Final examinations.
20	Saturday	—Final examinations.

COLLEGE CALENDAR — 1949-1950

FALL QUARTER — 1949

SEPTEMBER

19	Monday	—Orientation Week begins.
22	Thursday	—Entering students register.
23	Friday	—Continuing students register.
26	Monday	—Classes begin.
28	Wednesday	—Last day for registration with payment of late fee.

NOVEMBER

24, 27	Thursday through Sunday	—Thanksgiving recess.
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DECEMBER

3	Saturday	—High school validation examination.
14, 15, 16, 17	Wednesday through Saturday	—Final examinations.
17	Saturday	—Fall quarter ends.
18	Sunday	—Christmas vacation begins.

WINTER QUARTER — 1950

JANUARY

2	Monday	—Registration.
3	Tuesday	—Classes begin.
5	Thursday	—Last day for registration with payment of late fee.
31	Tuesday	—Last day for filing applications for degrees to be awarded at the June Commencement.

FEBRUARY

25	Saturday	—Constitutions examination.
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MARCH

4	Saturday	—High school validation examination.
15, 16, 17, 18	Wednesday through Saturday	—Final examinations.

MARCH

18	Saturday	—Winter quarter ends.
19	Sunday	—Spring recess begins.

SPRING QUARTER — 1950

MARCH

23	Thursday	—Registration.
24	Friday	—Classes begin.
27	Monday	—Last day for registration with payment of late fee.

JUNE

4	Sunday	—Baccalaureate sermon.
5, 6, 7, 8	Monday through Thursday	—Final examinations.
7	Wednesday	—Commencement.
8	Thursday	—Spring quarter ends.

SUMMER QUARTER — 1950

FIRST SESSION, JUNE 12—JULY 15

JUNE

12	Monday	—Registration.
13	Tuesday	—Classes begin.
13	Tuesday	—Late registration fee of \$2.00 after this date.
14	Wednesday	—Last day to register for credit.
20	Tuesday	—High school validation examination.

JULY

1	Saturday	—Constitutions examination.
13	Thursday	—Classes end.
14	Friday	—Final examinations.
	Saturday	—Final examinations.

SECOND SESSION, JULY—AUGUST 19

JULY

17	Monday	—Registration.
18	Tuesday	—Classes begin.
18	Tuesday	—Late registration fee of \$2.00 after this date.
25	Tuesday	—High school validation examination.

AUGUST

5	Saturday	—Constitutions examination.
13	Sunday	—Baccalaureate sermon.
17	Thursday	—Classes end.

AUGUST

17	Thursday	—Commencement.
18	Friday	—Final examinations.
19	Saturday	—Final examinations.

REGENTS, UNIVERSITY SYSTEM OF GEORGIA

Mrs. William Healey—Atlanta <i>State-at-Large</i>	—January 1, 1953
Albert S. Hardy—Gainesville <i>State-at-Large</i>	February 26, 1945—January 1, 1951
Frank M. Spratlin—Atlanta <i>State-at-Large</i>	January 1, 1946—January 1, 1953
Hughes Spalding—Atlanta <i>State-at-Large</i>	January 10, 1949—January 1, 1956
Carey Williams—Greensboro <i>State-at-Large</i>	January 10, 1949—January 1, 1955
James Peterson—Soperton <i>First District</i>	January 10, 1949—January 1, 1955
H. L. Wingate—Macon <i>Second District</i>	January 1, 1947—January 1, 1954
Cason J. Callaway—Hamilton <i>Third District</i>	January 1, 1944—January 1, 1951
Robert O. Arnold—Covington <i>Fourth District</i>	January 10, 1949—January 1, 1956
Rutherford L. Ellis—Atlanta <i>Fifth District</i>	January 1, 1947—January 1, 1954
Miller R. Bell—Milledgeville <i>Sixth District</i>	January 1, 1943—January 1, 1950
Roy N. Emmet—Cedartown <i>Seventh District</i>	January 1, 1945—January 1, 1952
Francis Stubbs, Sr.—Douglas <i>Eighth District</i>	January 10, 1949—January 1, 1950
Sandy Beaver—Gainesville <i>Ninth District</i>	January 1, 1945—January 1, 1952
William S. Morris—Augusta <i>Tenth District</i>	January 1, 1944—January 1, 1951

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Vice Chairman.....	Miller R. Bell
Chancellor.....	Harmon W. Caldwell
Assistant to the Chancellor.....	John E. Sims
Vice Chancellor.....	Harry L. Brown
Executive Secretary.....	L. R. Siebert
Treasurer.....	W. Wilson Noyes

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University of Minnesota and University of Chicago
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B.S., Georgia State College; M.D., Meharry Medical College
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- William J. Holloway *Dean of Men*
B.S., Hampton Institute; M.A., University of Michigan
- Ernest W. Armstrong, Sr. *College Minister*
A.B., Dillard University; B.D., Howard University; M.A., Howard
University
- Stephen M. McDew, Jr. *College Physician*
B.S., Georgia State College; M.D., Meharry Medical College

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- William B. Nelson *Director, Division of Trades and Industries*
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- Dorothy C. Carter *Acting Principal, Powell Laboratory School*
B.S., Fort Valley State College; advanced study, Atlanta University

INSTRUCTIONAL STAFF

- Charity E. Adams *Assistant Professor of Education*
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- *Lucious S. Alexander *Assistant Professor of Agriculture*
B.S., Alcorn A. & M. College; advanced study, Iowa State College
- Ernest W. Armstrong, Sr. *Assistant Professor of Social Sciences*
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*On leave 1948-49

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University of Pittsburgh
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A.B., Alabama State Teachers College; M.A., University of Illinois;
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versity and Columbia University
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- William K. Payne *Professor of Education*
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- William T. Perry *Assistant Technician in Auto Mechanics*
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- Benjamin R. Singleton *Assistant Technician in Radio*
B.S., Georgia State College
- Charles J. Smith III *Instructor in English*
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*On leave 1948-49

- Eugene Stanley *Assistant Professor of Education*
B.S., Wilberforce University; M.A., Ohio State University; advanced study, Ohio State University
- *Alma L. Stegall *Associate Professor of Education*
A.B., Mississippi Industrial College; M.Ed., Atlanta University; advanced study, North Carolina College, Hampton Institute, and Indiana University
- Frank D. Tharpe *Assistant Professor of Industrial Education*
B.S., Georgia State College; advanced study, Cornell University and Iowa State College
- Amater Z. Traylor *Itinerant Teacher Trainer, Industrial Education*
A.B., Morehouse College; advanced study, Carnegie Tech; M.A., Atlanta University; advanced study, University of Chicago
- Henry L. Ware *Assistant Technician in Body and Fender*
- John H. Warrick *Assistant Technician in Masonry*
Georgia State College
- Rosa M. Watson *Critic Teacher, Powell Laboratory School*
A.B., Texas College; M.A., Columbia University
- Ella W. Webb *Instructor in Physical Education*
B.S., Xavier University
- *Martha W. Wilson *Assistant Professor of Mathematics*
B.S., University of Minnesota; M.A., University of Minnesota; advanced study, University of Minnesota
- W. Vergil Winters *Associate Professor of Physical Sciences*
A.B., State University of Iowa; M.A., Ohio State University; advanced study, Ohio State University
- Joseph H. Wortham *Assistant Professor of Biology*
A.B., Howard University; M.A., Ohio State University; advanced study, Ohio State University
- Joseph B. Wright *Assistant Professor of Agriculture*
B.S., Alcorn A. & M. College; M.S., Iowa State College
- Theodore A. Wright *Associate Professor of Physical Education*
A.B., Baker University; M.A., University of Michigan; advanced study, University of Illinois and Howard University
- *On leave 1948-49

LIBRARY STAFF

- Madeline G. Harrison *Assistant Librarian*
A.B., Fisk University; B.S.L.S., North Carolina College; advanced study, University of Illinois
- Luella Hawkins *Librarian*
B.S., Wilberforce University; B.S.L.S., Hampton Institute; advanced study, Columbia University
- Althea M. Williams *Assistant Librarian*
A.B., Fort Valley State College; B.S.L.S., Atlanta University

STUDENT PERSONNEL STAFF

- Charity E. Adams *Coordinator of Student Personnel Services*
B.A., Wilberforce University; M.A., Ohio State University
- Ernest W. Armstrong, Sr. *College Minister*
A.B., Dillard University; B.D., Howard University; M.A., Howard University
- Loreese E. Davis *Counsellor for Women and Head Resident, Camilla Hubert Hall*
A.B., West Virginia State College; advanced study, Howard University and University of Dayton
- Nelson R. Freeman *Veterans Secretary*
B.S., Georgia State College
- Homer B. Hamilton *Director, Hill Hall*
A.B., Alabama State Teachers College; M.A., University of Illinois; M.Ed., University of Illinois; advanced study, Northwestern University and Columbia University
- William J. Holloway *Dean of Men*
B.S., Hampton Institute; M.A., University of Michigan
- Janie L. Lester *Dean of Women*
A.B., Spelman College; M.A., University of Wisconsin; advanced study of University of Minnesota and New York University
- Stephen M. McDew, Jr. *College Physician*
B.S., Georgia State College; M.D., Meharry Medical College
- Alice Mae Parker *Assistant to Head Resident, Camilla Hubert Hall*
Georgia State College
- Catherine M. Slaughter *College Nurse*
R.N., Meharry Medical College

BUSINESS STAFF

- Felix J. Alexis *Superintendent of Buildings and Grounds*
A.B., Xavier University
- Robert J. Anthony *Cashier*
B.S., New York University; M.A., New York University; advanced study, New York University
- Emanuel A. Bertrand *Chief Accountant*
B.S., Hampton Institute
- Eleanor M. Bryant *Switchboard Operator*
A.B., Tennessee State College
- Primus D. Davis, Jr. *Comptroller*
B.S., Tuskegee Institute; Commercial Teacher's Diploma, Gregg College; advanced study, New York University
- Varnetta Frazier *Dietitian*
Georgia State College
- Nelson R. Freeman *Veterans Secretary, Manager of Bookstore and College Inn*
B.S., Georgia State College
- Eloria S. Gilbert *Acting Postmistress*
City College of New York

Sanders Golphine B.S., Georgia State College	<i>Cost Accountant, Boarding Department</i>
Howard Jackson Georgia State College	<i>Superintendent of Laundry</i>
William T. Shropshire A.B., Morehouse College	<i>Budget Assistant</i>
*Emma H. Wortham B.S., Winston-Salem Teachers College	<i>Manager, College Inn</i>
Clarence Wright Georgia State College	<i>Assistant Superintendent of Buildings and Grounds</i>
**Ursuline B. Ingersoll Miner Teachers College; Catholic University	<i>Postmistress</i>

CLERICAL STAFF

Gwendolyn L. Bass Georgia State College	<i>Transcript Clerk, Registrar's Office</i>
Lenore B. Bellinger B.S., Miami University; advanced study, Miami University	<i>Secretary, President's Office</i>
Mildred L. Burch B.S.S., Boston University	<i>Administrative Assistant to the President</i>
Gwendolyn T. Conyers B.S., Georgia State College	<i>Secretary, Registrar's Office</i>
Florence E. Derrick A.B., Atlanta University; additional study, Temple Business College	<i>Secretary, Dean of Faculty</i>
Mavis W. Donnelly B.S., Fort Valley State College	<i>Transcript Clerk, Registrar's Office</i>
Ann L. Eason B.S., Georgia State College	<i>Secretary, Office of Student Personnel Administration</i>
J. Elaine English Spelman College; Reid Business College	<i>Secretary, Business Office</i>
Josephine F. Hubert Boston Clerical College	<i>Secretary and Assistant, Division of Arts and Sciences</i>
Mildred E. Marquis B.S., Hampton Institue	<i>Secretary, Division of Trades and Industries and to Superintendent of Buildings and Grounds</i>
***Theresa F. Mention B.S., Georgia State College	<i>Transcript Clerk, Registrar's Office</i>
Mary B. Pearson B.S., Georgia State College	<i>Clerk Division of General Extension</i>
Thelma E. Perry B.S., Georgia State College	<i>Clerk, Division of General Extension</i>
Mildred R. Romanski B.S., Georgia State College	<i>Records Secretary, Registrar's Office</i>

*Through January 31, 1949

**On leave 1948-49

***Through January 15, 1949

Eugenia C. Scott	<i>Secretary to the Registrar</i>
B.S., South Carolina State College; advanced study New York University	
Johnnie Mae Smith	<i>Secretary, Business Office</i>
B.S., Georgia State College	
Marjorie F. Wallace	<i>Admissions Clerk, Registrar's Office</i>
Georgia State College	

GEORGIA AGRICULTURAL EXTENSION SERVICE

A. S. Bacon	<i>Assistant Supervisor, Negro Work</i>
B.S., Georgia State College	
Sadie L. Cartledge	<i>Clerk</i>
B.S., Georgia State College	
*Vera Dowdell	<i>Clerk</i>
B.S., Georgia State College; advanced study, Columbia University	
**Gwendolyn B. Ebbs	<i>Clerk</i>
Augustus Hill	<i>Assistant Negro State Club Agent</i>
B.S., Georgia State College; advanced study, Lincoln University	
Alexander Hurse	<i>Negro State Club Agent</i>
B.S., Georgia State College	
P. H. Stone	<i>State Agent for Negro Work</i>
B.S., University of Connecticut	
Camilla Weems	<i>Assistant State Agent for Negro Work</i>
B.S., Spelman College	

*Through February 12, 1949

**Began Work February 21, 1949

INTRODUCTION TO GEORGIA STATE COLLEGE

Georgia State College, a unit of the University System of Georgia, is a college of applied arts and sciences, teacher education, and agricultural and vocational technology.

The general purposes of the College are to serve the needs and interests of its clientele in such a manner as to enable them growingly to recognize, face and solve their personal, social and vocational problems; to provide optimum opportunity for the development of personal potentialities in terms of each individual's unique personality and possible contribution to a democratic society.

More specifically, the College aims: (1) to assist students in developing the kind of abilities, skills, knowledge, attitudes, habits, and traits of character that will enable them to earn a good living in a socially useful livelihood, or to pursue a graduate program of professional or technical education; (2) to help them develop well-rounded, wholesome, spiritually enriched and mature lives; and (3) to enable them to become effective participants in a democratic society.

The total curricula offerings, the out-of-class activities, the guidance students receive from pre-college admission to placement after graduation, and the faculty selected to direct the College program are planned in terms of attaining these purposes.

A broad scope of activities designed to accomplish these goals includes:

(a) Curricula offerings in four instructional divisions: agriculture, arts and sciences, home economics, and trades and industries.

(b) Out-of-class activities such as dramatics, debating, band and orchestra, glee clubs, quartets, varsity and intra-mural athletics, artists and lectures series, student newspaper, varied social activities, church and vesper services, Y M C A and Y W C A.

(c) Conferences, forums, institutes, lectures, men's council, women's senate, student participation in the planning of activities and the government of the institution.

With the guidance of faculty members, personnel workers and administrators, each student is able to select from these offerings a program of his own choice that will prepare him to pursue successfully a socially useful livelihood, to live a spiritually enriched life and to participate effectively in a democratic society.

GENERAL INFORMATION

HISTORY

By an Act of the General Assembly on November 26, 1890, the State of Georgia "established in connection with the State University, and forming one of the departments thereof, a school for the education and training of Colored Students." By the same Act, the Governor was empowered to appoint "five fit and discreet persons, residents of the State, to be known as the Commission on the School for Colored Students." This Commission was to "procure the grounds and buildings necessary for the establishment of the School," to prescribe a course of training to be provided for all the students in said school, "embracing the studies required by the Acts of the Congress of the United States, approved July 2, 1862, and August 30, 1890, making donations of public lands and the proceeds thereof to the States and Territories for educational purposes."

It was further enacted that "the said school, when so established, shall be a part of the University of Georgia," and the Commission named in the Act appointed by the Governor, "shall constitute the local Board of Trustees for the School, with perpetual succession." This Commission was given immediate control, supervision and management of said school, subject to the general Board of Trustees of the University of Georgia. The Chairman of said local Board of Trustees was made ex-officio member of the general Board of Trustees of the University, and the Chancellor of the University of Georgia was given general supervision of the school.

In the summer of 1891, from June 1 to August 1, by the direction of the Commission, Chancellor Boggs inaugurated in Baxter Street School building at Athens, Georgia, a preliminary session of the school which was conducted by Richard R. Wright, principal, and three other instructors. Later, in 1892, this school was styled by the Commission, "The Georgia State Industrial College for Colored Youths" and was located about five miles southeast of the courthouse of Savannah, Georgia, near Thunderbolt. For the permanent organization, the Commission selected a faculty consisting of a president, instructors in English, mathematics, natural science, a superintendent of the mechanical department, and a foreman of the farm.

During the thirty years Major Richard R. Wright was president, the College grew. The enrollment of 8 was increased to 585; the curriculum was built up to four years of high school training and a normal division of college work. Training was offered in agriculture and the mechanical arts. Starting the school with 86 acres of land (51 farm and 35 campus) on which were Boggs Hall, Parsons Hall and a farm house, Major Wright added four frame trade buildings, Mel-drim Hall (1896), Hill Hall (1901), a dairy barn and creamery

(1904), a shoe repair shop, a laundry, and a home economics building (1915).

Several changes were made during the presidency of C. G. Wiley, 1921-1926. During his first term, the Commission admitted young women as boarders. The Smith-Lever, Smith-Hughes, and the Jeanes Funds established headquarters at the College. The first regular summer school was conducted June 26-August 4, 1922. In 1925, the General Assembly of Georgia changed the form of the governing body for the College from a Commission with "perpetual succession" to a Board of Trustees with a four-year term of office. The Governor appointed A. Pratt Adams, Savannah, Georgia, as chairman of the Board. In 1926, Meldrim Hall, which had been burned, was rebuilt.

Under the leadership of Dr. Benjamin F. Hubert, 1926-1947, the entire program was reorganized. The high school and normal departments were discontinued and the school became a four-year college, offering the Bachelor of Arts degree and the Bachelor of Science degree in agriculture and home economics.

In 1931, the State, upon the advice of a special Committee of authorities in education invited to make a study of the University System of education, placed the entire System under a Board of Regents. At that time the College began offering degree programs with majors in English, the natural sciences, social sciences and business.

In 1940 the College was given B-rating by the Southern Association of Colleges and Secondary Schools.

During the administration of Dr. Benjamin F. Hubert, the following buildings were added to the physical plant: Adams Hall (1931), Willie Powell Laboratory School (1932), shops for masonry and auto mechanics (1935), Willcox Gymnasium (1936), Information Cabin (1940), Community House (1941), Incubator House (1941), three teachers cottages, a cannery and farm shop building (1943), Trades Building (1947), and poultry houses for laying hens and growing chicks.

On July 1, 1947, Mr. James A. Colston became the fourth president of Georgia State College. President Colston quickly sensed the task that awaited him, and began immediately charting the course for a greater college by renovating and enlarging the physical plant, enlarging and strengthening the faculty, improving curricula offerings, **setting up a practically new student personnel service**, and unifying the entire program of the College. During his first year as president, Mr. Colston added three buildings to the physical plant: an infirmary operated by a full-time nurse and a physician; a fine arts building; and the College Inn.

LOCATION

The College is located in Chatham County near the town of Thunderbolt, five miles from Savannah, Georgia's oldest city and chief seaport.

Regular bus service is maintained from downtown Savannah to the campus.

ACADEMIC RATING

Georgia State College is accredited by the Southern Association of Colleges and Secondary Schools and by the Department of Education of the State of Georgia.

THE LIBRARY

The library is located on the first floor of Hill Hall. Approximately one thousand volumes are added each year to keep the selection up-to-date. The library now has fourteen thousand well chosen books and a variety of periodicals and newspapers.

BUILDINGS AND GROUNDS

The campus, comprising one hundred and thirty-six acres, presents a setting of matchless natural beauty. There are thirty-three buildings. Among the more outstanding are the attractively designed and modernly constructed Camilla Hubert Hall, housing one hundred and seventy-five women; Adams Hall, the dining hall, serving five hundred students at a time; Meldrim Hall, consisting of administrative offices, the auditorium, and some classrooms; Willcox Gymnasium, headquarters of the Physical Education Department; and Parsons Hall, containing faculty apartments and the college post office—a branch of the Savannah Post Office—which serves the entire college community.

The newest buildings on the campus are the infirmary, an eighteen-bed hospital, staffed by the college physician and a full-time nurse; the Fine Arts Building, which contains a choir room, a band room, a radio broadcasting room, classrooms, and music studios as well as an art studio for the newly organized Art Department; and the College Inn, housing a cafeteria, snack bar, bookstore, recreational facilities, and student lounges.

LIFE ON THE CAMPUS

Georgia State College makes a concerted effort to insure wholesome personal development and growth for those students who reside in its dormitories. Residence halls for men and for women are equipped with essential furniture. Students provide their own bed linen, blankets, towels, bedspreads, and scarfs.

Residential life of women students is supervised by the Dean of Women and head residents. Through dormitory clubs, the women students help to plan dormitory activities and participate in developing standards of conduct and determining social regulations for the groups.

Dormitory life for men is supervised by the Dean of Men and the head resident. Practice in democratic living is provided through dormitory organization, enabling the men to work with the staff in planning projects, stimulating achievement, and promoting optimum personal development.

Out-of-town students who desire to live in the city must secure approval from the Dean of Men or the Dean of Women.

RELIGIOUS LIFE

Georgia State College puts great emphasis upon a rich and varied religious life program. Through its religious activities, the College seeks to develop an understanding of and an appreciation for the place of religion in everyday living, to deepen spiritual insight, and to make the practice of Christian principles a vital part of the life of the well educated citizen.

Weekly church and vesper services bring to the campus outstanding thinkers and leaders in religion and social living. In addition, students will find the "Hour of Thought", a Friday evening feature of soft music and poetry reading, a rich source of meditation.

Religious life activities are directed by the College Minister. The YMCA and YWCA provide opportunities for religious growth and development and are under the supervision of the Religious Life Committee.

STUDENT PERSONNEL SERVICES

Student personnel services are coordinated through the office of the Coordinator of Student Personnel Services and the offices of the Dean of Men and the Dean of Women. A broad program of educational, vocational, and personal guidance is designed to aid students in making desirable adjustments throughout their college careers, and in gaining employment when they leave.

The scholastic, vocational, and social welfare of students is supervised, and counsellors are available for personal conferences to facilitate the solving of individual problems.

Orientation

The orientation program is under the supervision of the Office of Student Personnel Services. During Orientation Week new students are assisted in becoming acquainted with other students, with college regulations, with campus traditions, and with routine procedures. This program extends throughout the academic year, with lectures and discussions planned to orient students to an understanding of the campus community, and to the attainment of techniques for the solution of their difficulties.

Counselling and Guidance

A counselling and guidance service is provided for all students through the offices of the Coordinator of Student Personnel Services, the Dean of Men and the Dean of Women, and their staffs. Professional counselling and services are provided students in the following areas: admissions, scholarship, work aid, health, religious values, social activities, job placement, and general life planning. Advisors in all departments provide educational counselling for course registration and problems that arise in connection with the academic work and progress of students.

Health Services

The College health services are maintained to improve and safeguard the health of students. These services are under the direct supervision of the school physician and the school nurse. Medical ex-

aminations, medical care, and health consultations are provided for all students. A modern, eighteen-bed infirmary is provided for students who require treatment or confinement for minor illness. The facilities of Charity Hospital in Savannah are also available to Georgia State College students.

Veterans Services

In order to assist veterans in making adjustment to college life and to vocational training, a Veterans Secretary is available to help veteran students during registration; to assist them in forwarding accurate information to the Veterans Administration; to make available to them information on regulations and directives peculiar to their status; and to provide guidance during their periods of training.

Veterans who are enrolling for the first time are urged to forward their Certificates of Eligibility (VA-Form 1950) to the office of the Veterans Secretary. Any veteran who does not have his approved VA-Form 1950 at the time of initial registration will be required to make a deposit equal to the amount of his entrance costs. This deposit will be refunded when the Certificate of Eligibility is presented to the Veterans Secretary.

Charges for board and room are payable in advance. Veterans who have not completed arrangements for subsistence payments must pay room and board from their own funds until such time as subsistence payments are received. Any arrangement for deferred payment of these expenses must be made personally with the Comptroller.

STUDENT ORGANIZATIONS

Georgia State College contributes to the attainment of a well-rounded education by providing many opportunities for students to participate in a wide range of significant activities. Through the efforts of organized groups, programs are planned for the social, religious, and cultural advancement of the college community.

The Student Council

The Student Council, composed of representatives of all classes, works with the administration in the government of the College. It works also with the various campus organizations and sponsors projects for the general welfare of the student body.

Music

The choir, band, Meistersingers, men's quintette, and women's septette are open for membership to all students interested in music. These groups perform not only locally, but are in constant demand for special programs throughout the state.

Journalism

The Tiger's Roar, official newspaper of the student body, is published monthly by the staff, under the supervision of the Personnel Department. *The Hill Hall Gazette* is a monthly journal produced by the men resident students.

Clubs

The following organizations also provide media for expression of student interests: Athletic Club, Book Club, Business Club, Debating

Club, Dormitory Councils, Dramatic Club, Agriculture Association, Home Economics Club, Press Club, Photography Club, Georgia State College Players, YMCA, YWCA, Trades Club, Veterans' Club, and the Women's Council.

These organizations sponsor rich and varied programs, designed for the intellectual and social development of all who take part. Informal socials are held regularly in the campus recreation rooms. Major dances are given at intervals by student groups, under faculty sponsorship, in Willcox Gymnasium and Adams Hall.

RECREATION AND SPORTS

The Department of Health and Physical Education conducts a well-rounded intramural and intercollegiate athletic program of seasonal activities for men and for women. Utilizing group games and various sports for their full educational and health values, the following sports are featured: football, basketball, track and field, tennis, boxing, golf, baseball, softball, volley ball, field hockey, and badminton.

A member of the Southeastern Athletic Conference, Georgia State College maintains competition in all sports sponsored by the conference.

Qualified instructors and leaders in the Department of Health and Physical Education, with headquarters in beautiful Willcox Gymnasium, provide training in the several aspects of the required activity program. All recreational activities, social dancing, and free exercise activities of the College are encouraged and centered in this area. The department works in close harmony with the administration and Personnel Council to help students use their leisure in healthful recreation.

CULTURAL OPPORTUNITIES

In order to supplement formal education on the campus, many activities are presented for cultural enrichment. Student assemblies, institutes, moving pictures, lectures, art exhibitions, dramatics, forums, athletic contests, hobby groups, and tours contribute to the general welfare of the community.

The Committee on Campus Cultural Activities brings to the campus each year renowned artists of the concert world. Yearly programs of the College Artist Series usually include a vocalist, a pianist, a small group of singers, a large group of singers, and a dramatic group.

Each concert is followed by a reception in honor of the artists. All students are invited to attend these formal social functions, which afford inspiring association with great personalities of our times.

The Department of Fine Arts sponsors musical programs throughout the school year. The annual Music Festival in May features the College Choir, College Band, and music groups from high schools

throughout the state. The Christmas and Easter concerts are outstanding events in the cultural program of the College.

COMMUNITY SERVICES

Recognizing that a dynamic institution is inseparable from its community, both faculty and students of Georgia State College share daily in the constructive interests of Savannah and nearby towns. This college-community relationship is fostered chiefly through activities of the Music Department and the Department of Education; through the College Artist Series; through lectures by staff persons, and individual membership in community organizations.

The Community House is a social center where campus and off campus groups meet for special functions.

ADMISSION

Persons who are at least fifteen years of age and who present evidence of good moral character, adequate ability, sound health, and interest in a specific course of study are eligible to apply for admission to the several departments of the College.

Formal Application Required

Each candidate for admission is required to make formal application and thereafter submit such credentials as may be needed to support the application. Admissions correspondence should be addressed to the

Director of Admissions
Georgia State College
State College Branch
Savannah, Georgia

Transcripts and recommendations should be mailed directly from the applicant's former school to the Director of Admissions. The application form with instructions may be obtained by writing the Director of Admissions.

The number of applicants each quarter generally exceeds the number that can be accommodated in dormitories and classrooms. To be assured due consideration for admission in any quarter, each applicant should see that all required credentials are submitted to the Director of Admissions at least six weeks before the quarter begins.

Admission to the Freshman Class

1. An applicant may be admitted to the freshman class by certificate under the following conditions:
 - a. He must have graduated from an accredited secondary school with rank in the upper half of his class.
 - b. The official transcript, mailed directly from the principal to the Director of Admissions, must present a distribution of at least fifteen entrance units.
 - c. He must be recommended by his principal.
2. An applicant who, though graduated from an accredited secondary school, has not maintained rank in the upper half of his class; or who has graduated from a non-accredited secondary school; or who has not completed the secondary school course, may qualify for admission to the freshman class through examinations.
 - a. Such applicant must have earned a score at or above the median (by Georgia norms) either in the State-wide Senior Scholastic Aptitude Tests or in entrance examinations administered at this College.
 - b. He must be recommended by his principal.

Admission with Advanced Standing

A limited number of transfer students may qualify for admission each quarter. General policies governing admission of transfer stu-

dents and acceptance of credit towards advanced standing are as follows:

1. Each applicant who has attended another college shall present the following credentials to support his application:
 - a. A statement of honorable dismissal from the college last attended.
 - b. Official transcripts covering the complete college and secondary school records.
 - c. A personal letter giving full explanation of the applicant's reason for desiring to transfer to Georgia State College, his work experience, studies, activities, special interests, and plans for the future.
2. Persons who have earned grades of "C" or higher in at least fifty per cent of the courses taken at an accredited college, and who—in the judgment of the Committee on Admissions—have presented otherwise satisfactory credentials may be admitted; and courses completed at an accredited institution which are equivalent to courses offered at Georgia State College may be counted towards advanced standing, except that:
 - a. Courses completed with grades below "C" may not be counted towards advanced standing.
 - b. Courses completed with grades below "C" shall be repeated if required for the degree at Georgia State College.
3. Because the College requires for graduation a minimum of 180 quarter hours (excluding physical education activity) together with residence of at least one year (3 quarters, 45 quarter hours), a student may not receive credit for more than three years' work at another college.
4. Graduates of accredited junior colleges or approved two-year normal courses may be granted maximum credit of 90 quarter hours for equivalent courses completed with grades of "C" or higher.
5. In conformance with item 4 above, a transfer student who has earned excessive credit in freshman and sophomore courses may not be granted credit in excess of 90 quarter hours below the junior class level.
6. A student who has attended an unaccredited college may be granted maximum credit of 90 quarter hours towards advanced standing, provided each course on the transfer record is validated either:
 - a. By formal examinations at Georgia State College
or

- b. By superior performance in continued basic general and required advanced courses completed at Georgia State College.
7. A student who has been dismissed from another institution because of poor scholarship or for disciplinary reasons may be admitted to the College only upon express approval of the Committee on Admissions. *Further:*
 - a. *Such a student may enter Georgia State College only when he is eligible to reenter the college previously attended.*
 - b. *A responsible officer of the institution which the student previously attended shall mail to the Director of Admissions a satisfactory statement attesting the applicant's ability to do standard college work, his good character and sound health.*
8. The evaluation of transfer credit given a student upon admission is tentative. A final evaluation shall be rendered only after the student has completed at least 30 quarter hours in residence. The College reserves the right to disallow transfer credit for courses if a student's subsequent grades in required courses in the same subject fall below average.

Admission of Special Students

1. Mature persons who are high school graduates may be admitted as special students in some departments of the College, provided they have approval of the Dean of Faculty and the chairman of the department they desire to enter. Such persons are required to present evidence of preparation and ability requisite to success in the courses they wish to undertake.
2. Persons who have not completed the secondary school course but who are otherwise qualified may be admitted to special non-degree courses in the Division of Trades and Industries. Though exempt from specific formal academic requirements, each such applicant is required to present reliable recommendations attesting that:
 - a. *He is a person of good moral character, temperate habits, and emotional stability.*
 - b. *His conduct has been satisfactory in previous work or training; he has shown habits of punctuality and industry.*
 - c. *He has sound health and ability requisite to success in the course he desires to pursue.*

Special students are subject to all regulations of the College governing scholarship, class attendance, conduct, and health. While they may participate in intra-mural athletics and certain other extra-class activities, they may not participate in intercollegiate athletics. Spe-

cial students are not eligible for initiation into fraternities or sororities.

A special student may not be enrolled beyond the time required for completion of two trade certificate courses. He may, at any time, however, qualify as a regular student by removing all entrance deficiencies.

Re-admission

A student who has withdrawn from the College in good standing and has not meantime attended another institution may be readmitted on the basis of his previous record. Such student shall, however, submit a formal application and present whatever credentials are required to support his application.

Re-admission of students previously dismissed from the College

1. A student who has been dismissed for disciplinary reasons may be re-admitted only with the formal approval of the Committee on Admissions, the Personnel Council and the Dean of Faculty.
2. A student who has been once dismissed because of poor scholarship may be re-admitted after one quarter, provided:
 - a. The results of scholastic aptitude tests administered under the Dean of Faculty indicate that the student has ability to do College work.
 - b. The chairman of the department which the student desires to enter approves his readmission.
3. If a student previously dismissed because of poor scholarship is readmitted, he shall be reclassified in accordance with regulations 2a and b under Admission to Advanced Standing.
4. A student who has been twice dismissed from the College may not be readmitted.

Final Action on the Application

When all necessary credentials have been received, the Director and Committee on Admissions will consider in detail the candidate's qualifications for admission. Each applicant will then be notified as to the action of the Committee. If all available evidence indicates that the candidate is duly qualified, he will be mailed a *Notice of Admission*.

Final decision on applications for admission in September will be rendered on August 15th, and for other quarters not later than one month before the beginning of the quarter.

Only persons who present the Notice of Admission may participate in activities of Orientation Week and register for courses.

ESTIMATED GENERAL EXPENSES

For One College Year
(Three Quarters)

	Freshmen	Upperclassmen
Registration Fee	\$ 5.00	\$ 5.00
Matriculation Fee		
Regular Matriculation	\$60.00	
Special Emergency Mat.....	15.00	75.00
Activities Fee	9.00	9.00
Health Fee	9.00	9.00
Athletic Fee	10.00	10.00
Freshman Fee	4.50	
Board, Room and Laundry.....	315.00	315.00
	<hr/>	<hr/>
	\$427.50	\$423.00

Tuition for Out-of-State students is \$50.00 per quarter.

Expenses listed in the above table do not include normal costs for books and supplies, which are variable. Such expenses usually approximate \$20.00 per quarter.

Students carrying less than a normal quarterly load will be charged matriculation fee as follows: for one course \$8.00; for two courses \$15.00, plus registration and application fees.

Payments Due in September

	Freshmen	Upperclassmen
For Boarding Students:		
Board, room and laundry.....	\$ 35.00	\$ 35.00
Registration Fee	5.00	5.00
Tuition, First Quarter.....	25.00	25.00
Activities Fee, 1/2 of yearly fee.....	4.50	4.50
Athletic Fee, 1/2 of yearly fee.....	5.00	5.00
Health Fee, 1/3 of yearly fee.....	3.00	3.00
Freshman Fee	4.50	
	<hr/>	<hr/>
	\$ 82.00	\$ 77.50
	Freshmen	Upperclassmen
For Day Students:		
As listed above.....	\$ 82.00	\$ 77.50
Less, Board, room and laundry.....	35.00	35.00
	<hr/>	<hr/>
	\$ 47.00	\$ 42.50

All fees are due and payable at the beginning of the session. Students are expected to meet their financial obligations promptly as a condition of their remaining in college. Students granted scholarships or work-aid will be notified in writing and credit will be made to their accounts accordingly.

Explanation of Fees

APPLICATION FEE: This fee is required of all students entering the College for the first time and is not refundable. Each appli-

cation for admission must be accompanied by a money order, cashier's check or certified check in the amount of \$2.00 in order for the application to receive consideration and an admission card issued.

REGISTRATION FEE: This fee is required of all students upon initial registration for the term. It is payable at the beginning of that quarter in which the student registers for the first time during any school year.

LATE REGISTRATION FEE: The fee for late registration is \$2.00 for the first day after the regular registration period and 50¢ for each additional day up to a maximum of \$5.00. This fee will not be charged to students who have obtained written permission for late registration from the Dean of Faculty.

MATRICULATION FEE: This is the regular tuition chargeable to all students who are residents of the State of Georgia. It is based on a charge of \$25.00 per quarter, or \$75.00 per year.

STUDENT ACTIVITY FEE: A student activity fee of \$9.00 per year is required of all students. This fee covers subscription to the student newspaper and admission to all activities sponsored by agencies participating in the Student Activities Fund. This fee is payable the first two quarters in installments of \$4.50 each.

HEALTH FEE: A fee of \$9.00 per year is required of all students to cover the cost of clinical services, bed care in the infirmary for minor illnesses, and general dispensary care, and is payable at the rate of \$3.00 per quarter.

ATHLETIC FEE: This charge of \$10.00 per year is required of all regular students; it covers admission to all regular, scheduled athletic events and is payable as follows: \$5.00 at the beginning of the first quarter and \$5.00 at the beginning of the second quarter.

FRESHMAN FEE: This is a service fee to cover the initial administration and testing service rendered to new students. It is chargeable only once during the matriculation of a student at the College.

TRANSCRIPT FEE: No charge is made for the first transcript issued at the request of a student. For each additional request a charge of \$1.00 will be made.

SPECIAL EXAMINATION OR DELINQUENT EXAMINATION FEE: A charge of 50¢ per course will be required of each student who requests a special examination or who is scheduled for delinquent examinations for make-up credit. Arrangements for such examinations must be made with the Dean of Faculty.

LABORATORY FEE: A minimum charge of \$1.00 per course per session is required of all students enrolled in courses which require laboratory practice.

NON RESIDENT TUITION: A fee of \$50.00 per quarter in addition to regular matriculation fee is required of all students whose home address is outside the State of Georgia.

REFUND OF FEES: With the exception of the Application Fee and Registration Fee, which are not refundable after the student has

enrolled, all fees are subject to the Refund Policy of the University System adopted by the Board of Regents, January 20, 1947, as follows:

“For students who withdraw during the first week after registration, 80% of the fees may be refunded; for students who withdraw during the second week, a refund of 60% will be made; for students who withdraw not later than the end of the third week following registration, a refund of 40% may be granted; for students who withdraw during the fourth week following the scheduled registration date, a refund of 20% will be granted. No refund will be made to students who withdraw after the end of the fourth week following registration.”

SELF HELP OPPORTUNITIES

Worthy and industrious students may help to meet college expenses through part-time employment, provided they maintain satisfactory scholastic averages. These work opportunities include such jobs as: clerical and stenographic work, library work, waiting tables, washing dishes, pantry and kitchen work, skilled and unskilled work in the several trades and in maintenance.

Students who plan to apply for part-time work should note carefully:

1. *No student should attempt to enter Georgia State College unless he is prepared to pay the major part of his total college expenses.*
2. *All students are required to pay all entrance expenses when they are admitted. Money earned through part-time work may thereafter be credited to the monthly account.*

WORK ASSIGNMENTS

Students are assigned to work only after they have been admitted and have arrived on the campus. Work assignments are made in the offices of the Dean of Men and the Dean of Women.

SCHOLARSHIPS

A limited number of special scholarships are available to selected students who meet the required standards of scholastic merit, high character and general promise, in certain of the specialized areas of learning.

REGISTRATION

The schedule of registration dates for 1949-1950 is as follows:

Winter Quarter, 1949, January 3-5*.....Monday-Wednesday

Spring Quarter, 1949, March 24-28.....Thursday-Monday

Summer Quarter, 1949

first session, June 13-15.....Monday-Wednesday

second session, July 18-20.....Monday-Wednesday

Fall Quarter, 1949, September 22-28**.....Thursday-Wednesday

Winter Quarter, 1950, January 2-5***.....Monday-Thursday

Spring Quarter, 1950, March 23-27.....Thursday-Monday

- A. *What Registration Comprises.* All students of Georgia State College are required, at the beginning of each quarter of residence:
- To obtain registration forms from the Registrar.
 - To list on these forms all courses to be pursued during the quarter, and to fill out completely all remaining details, the whole with assistance of departmental advisers.
 - To place their names on the class roll of each course to be pursued during the quarter.
 - To have their study programs approved by the Dean of Faculty.
 - To pay their fees to the cashier of the College.†
 - To file the Registrar's card, complete in all details, in the Office of the Registrar.

Completion of the six steps listed above comprises registration in this College. A person may not receive resident credit here unless these steps are completed in due order and on schedule.

Students entering the College from secondary school, and those transferring from other colleges, should make formal application and have transcripts and other required credentials mailed directly from the school previously attended to the Director of Admissions. They should then secure the *Notice of Admission* from the Director of Admission before reporting for registration. This should be done at least one month prior to the date of registration.

**NO STUDENT WILL BE PERMITTED TO
REGISTER AFTER THE LAST DAY
SCHEDULED FOR LATE REGISTRATION**

B. *Special Regulations Governing Registration.*

- Each student is required to complete all details of registration in person.
- Each entering or readmitted student is required to present the *Notice of Admission* when he begins registration.
- The Registrar provides detailed instructions for registration.

*Except that registration for Saturday classes will be held on January 8, Saturday.

**Except that registration for Saturday classes will be held on October 1, Saturday.

***Except that registration for Saturday classes will be held on January 7, Saturday.

† All veterans are required to have the registration approved by the Veterans Secretary

Each student, assisted by his adviser, is responsible for completing all forms properly and filing the official registration form in the Office of the Registrar. *Failure to comply with this regulation will result in forfeiture of credit.*

4. Completion of preliminary registration does not exempt a person from official registration.
5. Each student is personally responsible for keeping accurate record of courses completed and for informing himself as to remaining requirements. Additional credit is not allowed for repeated courses.
6. A student may not change from one major to another during the week before registration or the week after registration.
7. Medical and psychological examinations are required of all entering freshmen during Orientation Week. Entering freshmen may not be enrolled before they complete these examinations.
8. Each entering freshman is required to list Freshman Orientation on his study program and to pursue the course throughout the freshman year.
9. Freshman and Sophomore Gymnasium are required of all freshmen and sophomores.* Such students must therefore list these courses on their study programs.
10. Once a student is enrolled in a course he may drop or change the course only on the days designated for course changes.
11. A student who fails to attend a class in which he has been enrolled shall be graded "F" unless he presents an official Notice of Withdrawal to the Registrar.
12. A student who attends a class that is not listed on his official program in the Office of the Registrar shall receive no credit for the course.
13. Except as indicated in regulations governing student load, a student may not carry a study load exceeding the number of credit hours designated by quarters for his major and classification.
14. Registration for each quarter is completed within the first week of the quarter. As indicated in the College calendar, registration after the first or second day entails payment of a late fee. A student who presents written permission from the Dean of Faculty to the Registrar may be exempted from the late fee. *But no student shall be exempt from the requirement that all shall register within the period scheduled for registration.*

*Exemptions are permitted on grounds of impaired health or military service. Students claiming such exemption should follow the procedure outlined in registration instructions.

DEGREES

Georgia State College offers courses leading to the degrees of Bachelor of Arts and Bachelor of Science. The Bachelor's degree is awarded to graduates in the Division of Agriculture, Arts and Sciences, Home Economics, and Trades and Industries. In addition, one-, two-, and three-year courses leading to certificates are offered in the Division of Trades and Industries.

Requirements for Degrees

For the Bachelor's degree, requirements are:

- a. A minimum of 180 quarter hours, exclusive of Physical Education 100, 101, 102, 200, 201, 202*
- b. A scholastic average of at least "C"
- c. Basic course requirements:

1. English	15 to 27 quarter hours
2. Mathematics	5 to 10 " "
3. Social Sciences	20 to 30 " "
4. Natural Science	10 to 20 " "
5. Fine Arts	3 " "
- d. A major of 40 or more quarter hours, in prescribed courses, with no grade lower than "C"
- e. Related courses as prescribed in the specific curriculum.
- f. Residence of at least one year at Georgia State College
- g. Examination on the Constitutions**

In addition to the foregoing requirements, each student must pass a proficiency examination in English and a comprehensive examination in the field of his major.

Each prospective candidate for graduation is required to submit a formal application for the degree. Dates for filing the application in the Office of the Registrar are listed in the academic calendar.

*The minimum quantitative requirement ranges from 180 to 215 quarter hours, the quantitative requirement for a particular student depending upon his major.

** In conformance with Section 32-706, Georgia School Laws, 1942.

THE CURRICULUM

The curriculum of Georgia State College is organized within four instructional divisions—Agriculture, Arts and Sciences, Home Economics, and Trades and Industries—and the Division of General Extension.

In the Division of Arts and Sciences, majors are offered in the following fields: biology, business, chemistry, elementary education, English, general science, mathematics, music, physical education, and social sciences.

In the Division of Trades and Industries majors are offered in industrial arts, industrial education, and trade and industrial education. Certificate courses are offered in the following trades: auto mechanics, automotive body and fender repair, carpentry and cabinet making, electrical maintenance and installation, machine shop practice, masonry, painting and decorating, radio repairing, and shoe repair.

When a student enters the College he is required to indicate his field of major interest. Since much of the work in the first two years consists of general education courses, change of major during the sophomore year does not ordinarily entail loss of much time or credit. But at the beginning of the junior year, each student must select a major and a minor program. This may be a division or departmental major. In division majors, which are offered in social sciences and general science, no minor is required. Students taking departmental majors are required to select a departmental minor. Departmental minors generally require 30 quarter hours, selected by the student in consultation with the head of the department. Detailed requirements for majors and minors are listed in departmental announcements.

Students are expected to develop competence in their fields of concentration. No grade lower than "C" will be accepted for credit toward completion of requirements in a major or a minor. At the completion of the major program each student is required to take a general examination covering his field of concentration.

DIVISION OF AGRICULTURE¹

EDWARD H. HARMOND, *Chairman*

L. S. ALEXANDER²

T. A. JETER, JR.

J. B. WRIGHT

The main objective of the Division of Agriculture is to train men for employment in the broad field of agriculture: (1) as farmers or farm operators and managers; (2) as agricultural extension workers and specialists in state, federal, and commercial agencies; (3) as rural leaders in post-war readjustment and rehabilitation activities.

Students may follow a broad four-year curriculum in general agriculture or may major in agriculture extension. In addition, short, unit courses in animal husbandry, poultry husbandry, dairy husbandry, and horticulture are offered in this division.

General Requirements for Graduation

A minimum of 215 quarter hours, exclusive of physical education, are required for the degree of Bachelor of Science. These are distributed as follows:

General education, 82 quarter hours:

English	30 hours
Mathematics	5 hours
Natural science	27 hours
Physical education	6 hours
Social sciences	20 hours

Professional education, 15 quarter hours³:

Educational psychology	5 hours
Practice in extension techniques	5 hours
Program planning	5 hours

Agriculture, 118 quarter hours:

Agricultural economics	18 hours
Agricultural engineering	10 hours
Agronomy	25 hours
Animal husbandry	30 hours
Horticulture	20 hours
Poultry	15 hours

¹ The major in agriculture will be discontinued in August 1951. Enrollment of freshmen in this division was terminated in the spring 1948.

² On leave, 1948-1949.

³ Students who desire to qualify for the professional teachers certificate should complete a minimum of 30 quarter hours of professional education.

AGRICULTURAL CURRICULUM

Freshman

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Ag. Engr. 100-101-102	Farm Shop	1 2/3	1 2/3	1 2/3
Bio. 103	General Botany			6
Chem. 101-102	General Inorganic Chemistry	5	5	
Eng. 101-102	Freshman Composition	5	5	
Eng. 103	Elements of Oral Expression			5
Math. 101	Functional Mathematics		5	
P. Ed. 100-101-102	Freshman Gymnasium	(1)	(1)	(1)
Physics 103	Physics for Students of Agriculture			5
Soc. Sc. 101	Social Science Survey	5		
		<hr/> 16 2/3	<hr/> 16 2/3	<hr/> 17 2/3

Sophomore

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Ag. Ec. 202	Marketing of Agricultural Products			5
Agron. 200	Forage Crops, Pasture Development and Management	5		
Agron. 201	Soils and Fertilizers		5	
Agron. 202	General Field Crops			5
An. Husb. 201	Animal Husbandry Survey		5	
An. Husb. 202	Swine and Beef Cattle Production			5
Art 201	Introduction to Art	1		
Bio. 104	General Botany	6		
Eng. 204	Advanced Composition	4		
P. Ed. 200-201-202	Sophomore Gymnasium	(1)	(1)	(1)
Poultry 205	Poultry Breeding, Judging, Housing	5		
Poultry 206	Incubation, Breeding, Feeding		5	
Poultry 207	Poultry Farm Management			5
Soc. Sc. 204	Contemporary Georgia		5	
		<hr/> 21	<hr/> 20	<hr/> 20

Junior

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Ag. Ec. 301	Entomology			3
Ag. Ec. 303	Fundamentals of Cooperation			5
Agron. 302	Soil Erosion and Soil Conservation		5	
An. Husb. 300	Animal Breeding	5		
An. Husb. 302	Dairy Farming		5	
An. Husb. 303	Animal Diseases	5		
Art 202	Introduction to Art	1		
Ed. 302	Educational Psychology		5	
Eng. 202	Intro. to English Literature	4		
Hort. 300	Vegetable Gardening	5		
Hort. 301	Fruit Growing		5	
Hort. 302	Home and School Beautification			5
Hort. 303	Canning			5
		<hr/> 20	<hr/> 20	<hr/> 18

Senior

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Ec. 302	Current Economic Problems			5
Ag. Ec. 404	Farm Management Survey	5		
Ag. Ed. 402	Practice in Extension Techniques		5	
Ag. Ed. 406	Program Planning		5	
Ag. Engr. 405	Farm Shop	5		
Agron. 400	Advanced Field Crops			5
An. Husb. 405	Dairy Products and Herd Management			5
Art 203	Introduction to Art	1		
Eng. 203	Survey of American Literature	4		
Soc. 403	Rural Sociology	5		
		<hr/> 20	<hr/> 10	<hr/> 15

DESCRIPTION OF COURSES

AGRICULTURAL ECONOMICS

202 **MARKETING OF AGRICULTURAL PRODUCTS.** A study of marketing functions, methods, practices; principles of market organization; marketing enterprises. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

301 **ENTOMOLOGY.** Identification of insects of importance to the farmer; their habits, life history, and methods of control; sprays, dusts, and mechanical devices. Insect collection and notebook required. *Two class hours and one two-hour laboratory period a week. Spring quarter. Credit, three quarter hours.*

303 **FUNDAMENTALS OF COOPERATION.** Principles underlying successful cooperative endeavor among farmers; emphasis on purchasing supplies and marketing farm produce. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

404 **FARM MANAGEMENT SURVEY.** Surveys of farm management set-ups in communities in the state of Georgia. Study of living conditions on the farm and farm resources. *Three class hours and two-hour laboratory periods a week. Fall quarter. Credit, five quarter hours.*

AGRICULTURAL EDUCATION

401 **SPECIAL METHODS IN EXTENSION SERVICE.** Selection, adaptation, and organization of units relating to extension service. Permission of instructor. *Five class hours a week. Fall quarter. Credit, five quarter hours.*

402 **PRACTICE IN EXTENSION TECHNIQUES.** Observation and practice in extension techniques. Students spend one month—full time—on the field, under supervision of an extension agent designated because of his qualifications and the set-up under which he works. Prerequisites: completion of all junior courses and Agricultural Education 401. *Winter quarter. Credit, five quarter hours.*

406 **PROGRAM PLANNING.** The student builds a program for a selected community, considering such factors as types of soil, types of farming, and community needs. *One month—full time—on the field. Winter quarter. Credit, five quarter hours.*

AGRICULTURAL ENGINEERING

100 **FARM SHOP.** Designed for the acquisition of skill in tool operations; the care and use of tools; simple construction in woodwork; minor repairs, cold metal work, painting, rope and concrete work as needed in rural communities. *One class and four laboratory hours a week. Fall quarter. Credit, one and two-thirds quarter hour.*

101 **FARM SHOP.** Principles of construction and repair of farm buildings; care, repair, and operation of plows, cultivators and other tillage, seeding, and harvesting machinery. Emphasis on practical repair and maintenance. Prerequisite: Agricultural Engineering 100. *One class and four laboratory hours a week. Winter quarter. Credit, one and two-thirds quarter hour.*

102 **FARM SHOP.** Theory and practice in sheet metal, harness, iron and rope work, terracing, leveling, and ditching. Prerequisites: Agricultural Engineering 100 and 101. *One class and four laboratory hours a week. Spring quarter. Credit, one and two-thirds quarter hours.*

405 **FARM SHOP.** Training in the use of farm levels, strip cropping, terracing, running contours, ditching and other practical work about the farm. *One class hour and four two-hour laboratory periods a week. Fall quarter. Credit, five quarter hours.*

AGRONOMY

200. FORAGE CROPS, PASTURE DEVELOPMENT AND MANAGEMENT. A study of the various forage crops and cultural practices, with emphasis on crops that furnish all-year grazing. *Three class hours and two two-hour laboratory periods a week. Fall quarter. Credit, five quarter hours.*

201. SOILS AND FERTILIZERS. Origin, formation, and classification of soils; their properties. Management of soils: green manuring, crop rotation, and tillage. Sources of commercial fertilizers—methods of mixing and applying. Production, care, and handling of barnyard manure. Prevention of soil erosion. *Three class hours and two two-hour laboratory periods a week. Winter quarter. Credit, five quarter hours.*

202. GENERAL FIELD CROPS. The importance of field crops to world commerce and farm wealth. Adaptation, culture, harvesting, and use of the more important crops, with special reference to major crops of Georgia. *Three class hours and two two-hour laboratory periods a week. Spring quarter. Credit, five quarter hours.*

302. SOIL EROSION AND SOIL CONSERVATION. Basic principles of land conservation; prevention and control of erosion in Georgia. Review of current national conservation practices. Soil factors in local land planning; appraising soil resources of the farm. *Three class hours and two two-hour laboratory periods a week. Winter quarter. Credit, five quarter hours.*

400. ADVANCED FIELD CROPS. Special field crops, with emphasis on adaptation, sequences, rotation, storage methods, and handling for market. Prerequisites: Agronomy 201 and 202. *Three class hours and two two-hour laboratory periods a week. Spring quarter. Credit, five quarter hours.*

ANIMAL HUSBANDRY

201. ANIMAL HUSBANDRY SURVEY. An introduction to types, breeds, judging, feeding, management of livestock. *Three class hours and two two-hour laboratory periods a week. Winter quarter. Credit, five quarter hours.*

202. SWINE AND BEEF CATTLE PRODUCTION. Rearing, feeding, marketing and management of swine and beef cattle. Swine sanitation emphasized. *Three class hours and two two-hour laboratory periods a week. Spring quarter. Credit, five quarter hours.*

300. ANIMAL BREEDING. Application of principles of genetics to the improvement of farm animals; methods and problems of breeding. *Three class hours and two two-hour laboratory periods a week. Fall quarter. Credit, five quarter hours.*

302. DAIRY FARMING. Farm and dairy cattle selection; testing milk; keeping records; care and management of the dairy farm. *Three class hours and two two-hour laboratory periods a week. Winter quarter. Credit, five quarter hours.*

303. ANIMAL DISEASES. Diseases commonly affecting farm animals; sanitation and disease control. *Three class hours and two two-hour laboratory periods a week. Fall quarter. Credit, five quarter hours.*

304. BEEF CATTLE. Feeding, fitting, and judging cattle. Emphasis on selection, care, management, and fitting cattle for the showing. Designed for students majoring in extension service. *Three class hours and two two-hour laboratory periods a week. Spring quarter. Credit, five quarter hours.*

405. DAIRY PRODUCTS AND HERD MANAGEMENT. Separation of milk, pasteurization, manufacture, and marketing of dairy products; grading milk and cream; operation of the plant for producer and county agent. Feeding

and management of breeds, records of production, handling test cows, registration. *Three class hours and two two-hour laboratory periods a week. Spring quarter. Credit, five quarter hours.*

HORTICULTURE

101. GENERAL HORTICULTURE. A general course open to all students who plan to enter the teaching profession. Methods of growing flowers, vegetables, and fruit trees. Insects and diseases commonly affecting horticultural crops. *Three class hours and two two-hour laboratory periods a week. Credit, five quarter hours.*

300. VEGETABLE GARDENING. Principles of plant structure, growth, marketing, distribution. Seedage, plant growing, manure and fertilizer, green planting, pests, storage. *Three class hours and two two-hour laboratory periods a week. Fall quarter. Credit, five quarter hours.*

301. FRUIT GROWING. Orchard and small fruit planting and development; control of insects and fungus diseases; insecticides, fungicides and their application. *Three class hours and two two-hour laboratory periods a week. Winter quarter. Credit, five quarter hours.*

302. HOME AND SCHOOL BEAUTIFICATION. Trees, shrubs, and herbaceous plants with reference to Georgia farmsteads. Shrubs and nursery planting practices around rural schools and homes. *Three class hours and two two-hour laboratory periods. Spring quarter. Credit, five quarter hours.*

303. CANNING. History of canning. Methods of preserving meats and horticultural products. *Three class hours and two two-hour laboratory periods a week. Spring quarter. Credit, five quarter hours.*

POULTRY

205. POULTRY BREEDING, JUDGING, AND HOUSING. The important types and breeds; judging for egg production; principles and practices of constructing and equipping the poultry house. *Three class hours and two two-hour laboratory periods a week. Fall quarter. Credit, five quarter hours.*

206. INCUBATION, BREEDING, AND FEEDING. Principles and practices of incubation and breeding. Poultry feeds and methods of feeding. *Three class hours and two two-hour laboratory periods a week. Winter quarter. Credit, five quarter hours.*

207. POULTRY FARM MANAGEMENT. Types of poultry farming, arrangement of plots and buildings, record keeping, derivation and estimation of costs; estimation of probable income on investment, through use of successful management practices. *Three class hours and two two-hour laboratory periods a week. Spring quarter. Credit, five quarter hours.*

DIVISION OF ARTS AND SCIENCES

WILLIAM H. BROWN, *Director*

The Division of Arts and Sciences comprises nine departments: biology, business, chemistry, education, fine arts (music and graphic arts), languages and literature (English and French), mathematics and physics, physical education, and social sciences.

All the Arts and Sciences curricula include courses in general education. These represent in their present stage of development the best thinking of the faculty as regards general understandings and skills needed by all students in order that they may become contributing members of American society. In addition to the general education emphasis, all curricula in the division include courses which provide opportunities for the student to specialize in one or more areas, with the idea of developing marketable skills. These skills, as well as their range, vary with the several areas of concentration, although teaching in elementary or secondary schools is seen as a marketable skill which may be developed in all departments.

A student may earn either a Bachelor of Arts or Bachelor of Science degree in the division. The distinction between the two degrees is largely a matter of the extent of art or science content in the curriculum elected by the student.

Each student enrolled in the division has a major adviser who is a member of the department in which the student is concentrating. Departmental records form the basis for the advisory system.

DEPARTMENT OF BIOLOGY

BOOKER T. GRIFFITH, *Chairman* JOSEPH H. WORTHAM

The aims of the Department of Biology are: (1) to provide for all students that knowledge which is essential to an understanding of the biological basis of living; (2) to train persons adequately through the media of advanced courses for entry into the professional study of dentistry, medicine, and nursing; (3) to prepare persons to teach the biological sciences in the secondary school or to continue study on the graduate level.

PLAN OF STUDY

Biology 101 and 102 are designed for non-science majors, to realize the aim stated in item 1, foregoing. Biology 105 is designed for agriculture and home economics majors. Biology 103 and 201 are intended as beginning courses for students who plan to major in one of the sciences, or who desire training preparatory to either the study of dentistry, medicine, nursing, or to graduate study. For persons who plan to teach biology or another of the sciences in the secondary school, this department—collaborating with the departments of chemistry and mathematics and physics—provides a general science major.

The curriculum is outlined under the Department of Chemistry.

For the major, a minimum of 45 quarter hours, including the following courses, are required: Biology 201, 202, 301, 302, 303, 401, 402. For the minor, at least 30 quarter hours, including Biology 201, 202, 301, 302 are required.

GENERAL REQUIREMENTS FOR GRADUATION

A minimum of 184 quarter hours, exclusive of physical education activity, are required for the degree of Bachelor of Science with the major in biology. These are distributed as follows:

General education, 89 quarter hours:

Biology	12 hours
Chemistry	12 hours
English and Art	20 hours
Foreign language	15 hours
Mathematics	10 hours
Physical education	6 hours
Social sciences	20 hours

Special education, 95 quarter hours:

Biology	41 hours
Mathematics and related sciences	29 hours
Elective	25 hours

BIOLOGY CURRICULUM

FRESHMAN

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Bio. 103	General Botany			6
Chem. 101-102	General Inorganic Chemistry	6	6	
Eng. 101-102	Freshman Composition	5	5	
Eng. 103	Elements of Oral Expression			5
Math. 107	Intermediate Algebra			5
P. Ed. 100-101-102	Freshman Gymnasium	(1)	(1)	(1)
Soc. Sc. 101-102	Social Science Survey	5	5	
		<u>16</u>	<u>16</u>	<u>16</u>

SOPHOMORE

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Art 201	Introduction to Art	1		
Bio. 201-202	General Zoology	6	6	
Bio. 203	Principles of Genetics			5
Ec. 201	Principles of Economics			5
Eng. 204	Advanced Composition	4		
Math. 200	Trigonometry	5		
Math. 201	College Algebra		5	
P. Ed. 200-201-202	Sophomore Gymnasium	(1)	(1)	(1)
Elective			5	5
		<u>16</u>	<u>16</u>	<u>15</u>

JUNIOR

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Bio. 301-302	Comparative Anatomy	6	6	
Bio. 303	Vertebrate Embryology			6
French 101-102-103	Elementary French	5	5	5
Physics 201-202	General Physics	6	6	
Psy. 201	General Psychology			5
		<u>17</u>	<u>17</u>	<u>16</u>

SENIOR

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Bio. 401-402	General Physiology	6	6	
Chem. 301-302	Organic Chemistry	6	6	
Elective		3		12
		<u>15</u>	<u>12</u>	<u>12</u>

DESCRIPTION OF COURSES

BIOLOGY

101-102 HUMAN BIOLOGY. A two-quarter course dealing with the morphology and physiology of the human body. Problems of health, diseases, heredity, eugenics, and reproduction. This is a cultural course without laboratory work. *Five class hours a week. Fall and winter quarters. Credit, five quarter hours each quarter.*

103-104 GENERAL BOTANY. A two-quarter course. A general survey of the main types of plants, their classification, structure, and interest to man.

Laboratory fee, \$1.00 per quarter. *Three class hours and three two-hour laboratory periods a week. Spring and fall quarters. Credit, six quarter hours each quarter.*

105 GENERAL BIOLOGY. The fundamental principles of plant and animal life. Designed for home economics students. Laboratory fee, \$1.00. *Three class hours and three two-hour laboratory periods a week. Spring quarter. Credit, six quarter hours.*

201-202 GENERAL ZOOLOGY. A general survey of the main types of animals, their classification, structure, life history, and interest to man. Laboratory fee, \$1.00 per quarter. *Three class hours and three two-hour laboratory periods a week. Fall and winter quarters. Credit, six quarter hours each quarter.*

203 PRINCIPLES OF GENETICS. Designed to give the student a detailed knowledge of the application of the laws of heredity and variation to man and other organisms. Prerequisite: twelve hours of biological sciences. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

204 PLANT PATHOLOGY. A study of fungi and bacterial diseases of plants. Prerequisite: Biology 103 and 104. *Three class hours a week. Spring quarter. Credit, three quarter hours.*

205 GENERAL ENTOMOLOGY. Studies in the anatomy, morphology, taxonomy, and ecology of insects. Prerequisite: Biology 201 and 202. Laboratory fee, \$1.00. *Three class hours and three two-hour laboratory periods a week. Spring quarter. Credit, six quarter hours.*

301-302 COMPARATIVE ANATOMY OF VERTEBRATES. A comparative study of the organ systems from a series of selected vertebrates. From the simplest through the most complex types of vertebrates, with special reference to man. Prerequisite: Biology 201 and 202. Laboratory fee, \$1.00 per quarter. *Three class hours and three two-hour laboratory periods a week. Fall and winter quarters. Credit, six quarter hours each quarter.*

303 VERTEBRATE EMBRYOLOGY. The early embryological development of vertebrates, including fertilization, cleavage, and origin of organ systems. Prerequisite: Biology 201, 202, 301, 302. Laboratory fee, \$1.00 per quarter. *Three class hours and three two-hour laboratory periods a week. Spring quarter. Credit, six quarter hours.*

305 SCIENCE FOR ELEMENTARY SCHOOL TEACHERS (see Education 305).

306 GENERAL BACTERIOLOGY. General methods for the culture of microorganisms. Methods of staining and isolating bacteria commonly found in many foods. Prerequisites: six hours of biological sciences, six hours of organic chemistry. Laboratory fee, \$1.00 per quarter. *Three class hours and three two-hour laboratory periods a week. Spring quarter. Credit, six quarter hours.*

307 ANATOMY AND PHYSIOLOGY. A detailed study of the location and functions of the organs in the human body. Prerequisite: ten hours of biological science. A knowledge of chemistry is desirable. *Five class hours a week. Fall quarter. Credit, five quarter hours.*

401-402 GENERAL PHYSIOLOGY. A study of the physiological principles that occur within the animal kingdom. Prerequisites: Biology 201-202, 301-302, together with six hours of organic chemistry and six hours of physics. Laboratory fee, \$1.00. *Three class hours and three two-hour laboratory periods a week. Fall and winter quarters. Credit, six quarter hours each quarter.*

403 ANIMAL HISTOLOGY AND MICROLOGY. Laboratory technique. Details of cell structure; elements of tissue; tissue culture; tissue complexes. Prerequisites: Biology 201-202, 301-302. A knowledge of chemistry is desirable. Required of all majors. Laboratory fee, \$1.00. *Three class hours and three two-hour laboratory periods a week. Spring quarter. Credit, six quarter hours.*

404 PLANT PHYSIOLOGY. A study of the functions of the various organs of the higher plants. Prerequisites: ten quarter hours of botanical science

and ten quarter hours of chemistry. Laboratory fee, \$1.00. *Three class hours and three two-hour laboratory periods a week. Fall quarter. Credit, six quarter hours*

DEPARTMENT OF BUSINESS

ROBERT C. LONG, SR., *Acting Chairman*

LENORE B. BELLINGER

FRANKLIN CARR

The Department of Business aims, through its curricula offerings and through counselling of individual students, to approach the following goals: (1) preparation of competent teachers of business subjects for secondary schools; (2) preparation of competent secretaries; (3) preparation of competent accountants; (3) preparation for gainful participation in the business world.

PLAN OF STUDY

All students majoring in the Department of Business are required to develop special competence in typewriting, accounting, and office organization and management. To this end, the following courses are required:

Acct.	201-202-203	Elementary and Principles of Accounting
Bus. Adm.	407-408	Business Organization and Finance
Sec. Sc.	101-102-103	Elementary Typewriting

The program for the freshman year, which is common to all students in the Department of Business, is as follows:

Course	Descriptive Title	Quarter Hours Credit		
		Fall	Winter	Spring
Bio. 101-102	Human Biology	5	5	
Bus. Adm. 105	Introduction to Business			5
Eng. 101-102	Freshman Composition	5	5	
Eng. 103	Elements of Oral Expression			5
Math. 103	Mathematics for Business Students			5
P. Ed. 100-101-102	Freshman Gymnasium	(1)	(1)	(1)
Sec. Sc. 101-102-103	Elementary Typewriting	0	0	0
Soc. Sc. 101-102	Social Science Survey	5	5	
		<hr/> 15	<hr/> 15	<hr/> 15

SPECIALIZATION IN A BUSINESS AREA

At the beginning of the sophomore year, each student desiring to work toward a major in the department is required to decide upon a three-year program of courses and other activities comprising his

major work. The student reaches this decision in conference with his advisor. The content of the program will depend upon the student's ambition and purpose underlying his choice of business as a major. The major program for the B. S. degree requires a minimum of 185 quarter hours, with at least 45 hours in business courses. Such courses may be planned with a view toward concentration in secretarial science, accounting, or business education.

BUSINESS EDUCATION

Persons desiring to become certified as teachers of business subjects in the secondary school must meet requirements set up by the Department of Education. In the business education curriculum all of the professional education courses, particularly those in business education—together with the September Field Experience, are designed for this purpose.

ACCOUNTING CURRICULUM

SOPHOMORE

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Acct. 201	Elementary Accounting	5		
Acct. 202-203	Principles of Accounting I, II		5	5
Art 201-202	Introduction to Art	1	1	
Bus. Adm. 225	Business Writing			3
Ec. 201	Principles of Economics		5	
Eng. 202	Intro. to English Literature	4		
Eng. 203	Survey of American Literature		4	
P. Ed. 200-201-202	Sophomore Gymnasium	(1)	(1)	(1)
Psy. 201	General Psychology			5
Electives		5		2
		<u>15</u>	<u>15</u>	<u>15</u>

JUNIOR

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Acct. 301-302	Intermediate Accounting I, II	5	5	
Bus. Adm. 304	Salesmanship			3
Bus. Adm. 310	Business Statistics			3
Bus. Adm. 315-316	Business Law I, II	3	3	
Bus. Adm. 321-322	Money, Credit and Banking	3	3	
Ec. 303	Applied Economics			5
Electives		5	5	5
		<u>16</u>	<u>16</u>	<u>16</u>

SENIOR

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Acct. 401-402-403	Advanced Accounting	3	3	3
Acct. 404-405	Cost Accounting	3	3	
Acct. 406	Auditing			3
Bus. Adm. 407-408	Business Organization & Finance	3	3	
Bus. Adm. 409-410 411	Business Laboratory and Office Management	5	5	5
Electives			3	5
		<u>14</u>	<u>17</u>	<u>16</u>

BUSINESS EDUCATION CURRICULUM

SOPHOMORE

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Acct. 201	Elementary Accounting	5		
Acct. 202-203	Principles of Accounting I, II		5	5
Art 201-202	Introduction to Art	1	1	
Bus. Adm. 225	Business Writing			3
Ec. 201	Principles of Economics		5	
Ed. 201	Orientation in Education	5		
Eng. 202	Intro. to English Literature	4		
Eng. 203	Survey of American Literature		4	
P. Ed. 200-201-202	Sophomore Gymnasium	(1)	(1)	(1)
Psy. 201	General Psychology			5
Sec. Sc. 201-202-203	Advanced Typewriting	1	1	1
Sec. Sc. 211-212-213	Elementary Shorthand	2	2	2
		<u>18</u>	<u>18</u>	<u>16</u>

JUNIOR

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Acct. 301	Intermediate Accounting I	5		
Bus. Adm. 304	Salesmanship			3
Bus. Adm. 315-316	Business Law I, II	3	3	
Ec. 303	Applied Economics			5
Ed. 302	Educational Psychology		5	
Ed. 303	The School and the Social Order			5
Hist. 405	Economic History of Europe	5		
Hist. 406	Economic History of the U. S.		5	
Sec. Sc. 301-302-303	Office Practice	3	3	3
Sec. Sc. 311-312-313	Advanced Shorthand	2	2	2
		<u>18</u>	<u>18</u>	<u>18</u>

SENIOR

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Bus. Adm. 407-408	Business Organization & Finance	3	3	
Bus. Ed. 403-404	Principles, Problems, and Techniques of Business Education	3	3	
Bus. Ed. 443	Directed Student Teaching of Business Subjects in the Secondary School			10
Bus. Ed. 444	Seminar			5
Ed. 306	Methods of Teaching in the Secondary School	5		
Sec. Sc. 415	Adv. Office Practice & Machines	2		
Sec. Sc. 421	Office Management		2	
Electives		3	8	
		<hr/> 16	<hr/> 16	<hr/> 15

SECRETARIAL SCIENCE CURRICULUM

SOPHOMORE

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Acct. 201	Elementary Accounting	5		
Acct. 202-203	Principles of Accounting I, II		5	5
Art 201-202	Introduction to Art	1	1	
Bus. Adm. 225	Business Writing			3
Eng. 202	Intro. to English Literature	4		
Eng. 203	Survey of American Literature		4	
P. Ed. 200-201-202	Sophomore Gymnasium	(1)	(1)	(1)
Psy. 201	General Psychology			5
Sec. Sc. 201-202-203	Advanced Typewriting	1	1	1
Sec. Sc. 211-212-213	Elementary Shorthand	2	2	2
Electives		3	3	
		<hr/> 16	<hr/> 16	<hr/> 16

JUNIOR

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Acct. 301	Intermediate Accounting	5		
Bus. Adm. 304	Salesmanship			3
Bus. Adm. 315-316	Business Law I, II	3	3	
Ec. 201	Principles of Economics		5	
Ec. 303	Applied Economics			5
Hist. 406	Economic History of the U. S.	5		
Sec. Sc. 301-302-303	Office Practice	3	3	3
Sec. Sc. 311-312-313	Advanced Shorthand	2	2	2
Electives			5	5
		<hr/> 18	<hr/> 18	<hr/> 18

SENIOR

Course	Descriptive Title	Quarter Hours Credit		
		Fall	Winter	Spring
Bus. Adm. 407-408	Business Organization & Finance	3	3	
Sec. Sc. 411	Advanced Shorthand	2		
Sec. Sc. 415	Adv. Office Practice & Machines	2		
Sec. Sc. 421	Office Management		2	
Sec. Sc. 425	Secretarial Practice			10
Electives		8	10	5
		<hr/> 15	<hr/> 15	<hr/> 15

DESCRIPTION OF COURSES

ACCOUNTING

201 ELEMENTARY ACCOUNTING (Formerly Business Administration 304-305). An introductory course in college accounting, to give basic knowledge of accounting principles and methodology. Detailed study of the technique and formation of balance sheets, profit and loss statements, ledger accounts, and journals. *Five class hours a week. Fall quarter. Credit, five quarter hours.*

202-203 PRINCIPLES OF ACCOUNTING I, II. An introduction to the accounting principles of partnership, corporations, departmental accounting, branch accounting, accounting controls and taxation. Emphasis on preparation, consolidation, analysis, and interpretation of financial statements and other reports commonly used in modern business establishments. *Five class hours a week. Winter and spring quarters. Credit, five quarter hours each quarter.*

301 INTERMEDIATE ACCOUNTING I (Formerly Business Administration 404). Amplified treatment of the corporation; special problems of receivables, actuarial science as applied to accounting, tangible and intangible assets. Prerequisite: Accounting 202-203. *Three class hours and two two-hour laboratory periods a week. Fall quarter. Credit, five quarter hours.*

302 INTERMEDIATE ACCOUNTING II (Formerly Business Administration 405). Introduction to accounting for investments, funds and reserves. Emphasis on problems of accounting as related to management of business. *Three class hours and two two-hour laboratory periods a week. Winter quarter. Credit, five hours.*

401 ADVANCED ACCOUNTING. Exceptions, qualifications, and alternatives of accounts for partnerships, ventures, insurance, statement of affairs, realization and liquidation, and branch accounting. *Three class hours and two one-hour laboratory periods a week. Fall quarter. Credit, three quarter hours.*

402 ADVANCED ACCOUNTING. Accounting procedures for parent and subsidiary companies, mergers, foreign exchange, estates, public accounts, and budgets. *Three class hours and two one-hour laboratory periods a week. Winter quarter. Credit, three quarter hours.*

403 ADVANCED ACCOUNTING. Follows the general outline of the course in elementary accounting. Problems used from past C. P. A. and American Institute examinations. *Five class hours a week. Spring quarter. Credit, three quarter hours.*

404-405 COST ACCOUNTING. A study of basic cost principles, control and costing of manufacturing cost elements, job-order cost systems, standard costs and budgets, and executive and managerial uses of costs. The course is developed to demonstrate that cost accounting for distribution, and for management of non-processing business units and non-profit enterprises, is as essential a part of cost accounting as manufacturing costs. *Three class hours*

a week. Fall and winter quarters. Credit, three quarter hours each quarter.

406 AUDITING. A study of the balance sheet audit, including methods of verifying assets, liabilities, capital and income, and expenses. *Three class hours a week. Spring quarter. Credit, three quarter hours.*

425 FEDERAL INCOME TAX PROCEDURE. An analysis of the Federal Income Tax Law and its application to individuals and partnerships. Extensive practical problems. The preparation of returns; administration. *Three class hours a week. Credit, three quarter hours.*

BUSINESS ADMINISTRATION

105 INTRODUCTION TO BUSINESS. A survey of the fundamental facts, ideas, and conceptions of modern business enterprise. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

225 BUSINESS WRITING. Practice in writing the approved forms of modern business letters and business reports. *Three class hours a week. Spring quarter. Credit, three quarter hours.*

304 SALESMANSHIP AND SALES MANAGEMENT (Retail Store). A study of personal selling: the goods, services or propositions; types of customers; various problems of administration; and the selection, training, compensation and management of sales forces. *Three class hours a week. Spring quarter. Credit, three quarter hours.*

306 RETAILING. Principles and practices of buying, advertising, selling, and store management as applied to small business enterprises. *Five class hours a week. Credit, five quarter hours.*

307 INSURANCE. The theory of insurance and current insurance practices. Uses of insurance, types of insurance, organization types, policies, mortality, etc. *Five class hours a week. Credit, five quarter hours.*

310 BUSINESS STATISTICS. A study of the methods used in collecting, analyzing, interpreting, and presenting business data. *Three class hours a week. Spring quarter. Credit, three quarter hours.*

315 BUSINESS LAW I (Formerly Business Administration 401). Contracts: their formation, performance rights and remedies of parties, equities, etc. Agencies, sales and their execution. *Three class hours a week. Fall quarter. Credit, three quarter hours.*

316 BUSINESS LAW II (Formerly Business Administration 402). Negotiable Instruments: forms, legal effect of negotiability, rights and liabilities of parties to contract, etc. *Three class hours a week. Winter quarter. Credit, three quarter hours.*

321-322 MONEY, CREDIT, AND BANKING. The principles of money and banking with special reference to their functions in the present organization of economic society. Money and its attendant economic problems; credit; the banking process and the banking system; foreign and domestic exchange; the business cycle; the history of banking both in this country and the more important countries of Western Europe. *Three class hours a week. Fall and winter quarters. Credit, three quarter hours each quarter.*

407-408 BUSINESS ORGANIZATION AND FINANCE. *Three class hours a week. Fall and winter quarters. Credit, three quarter hours each quarter.*

409-410-411 BUSINESS LABORATORY AND OFFICE MANAGEMENT. Practical work in offices and departments of Georgia State College and business concerns in nearby communities. Experiences varied by change of assignment at end of each quarter. By special arrangement, laboratory work may be taken during summer preceding senior year. Off-campus experience permitted if arranged in advance and supervised. One class hour a week required for study of office management. Includes organization and function of the office and its

relation to other departments; selection and training of office personnel; equipment and supplies and their control; budgetary control and similar problems. *One class hour and five three-hour laboratory periods a week. Fall, winter, spring quarters. Credit, five quarter hours each quarter.*

BUSINESS EDUCATION

403 PRINCIPLES, PROBLEMS, AND TECHNIQUES OF BUSINESS EDUCATION. An historical approach to business training, based upon a study of the changing concept of business philosophies. Unique problems of the field. *Three class hours a week. Fall quarter. Credit, three quarter hours.*

404 PRINCIPLES, PROBLEMS, AND TECHNIQUES OF BUSINESS EDUCATION. An analysis of specialized methods used in teaching business subjects on the secondary level, from which the student evolves a personal philosophy to determine teaching procedures. *Three class hours a week. Winter quarter. Credit, three quarter hours.*

443 DIRECTED STUDENT TEACHING OF BUSINESS SUBJECTS IN THE SECONDARY SCHOOL. *Four hours a week conference with supervisor and critic teacher and twelve hours a week observation and teaching. Spring quarter. Credit, ten quarter hours.*

444 SEMINAR. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

SECRETARIAL SCIENCE

101-102-103 ELEMENTARY TYPEWRITING. Beginning course in type-writing, required of all business majors. Emphasis upon proper technique of machine operation, speed, accuracy, and attractive arrangement of copy. *Five class hours a week. Fall, winter, spring quarters. No credit.*

201-202-203 ADVANCED TYPEWRITING. Continued emphasis on mastery of the typewriter. Writing business letters, copying from rough drafts, tabulating complex material, and cutting stencils. *Five class hours a week. Fall, winter, spring quarters. Credit, one quarter hour each quarter.*

211-212-213 ELEMENTARY SHORTHAND (Formerly Business Administration 104-105-106). Beginning course in Gregg shorthand, giving a fundamental background in reading and writing shorthand notes. *Five class hours a week. Fall, winter, spring quarters. Credit, two quarter hours each quarter.*

301-302-303 OFFICE PRACTICE. A laboratory for shorthand transcription, and speed tests for maintaining speed in typing. A companion course to Secretarial Science 311, 312, 313. Prerequisites: shorthand and typing—one year each. *Five class hours a week. Fall, winter, spring quarters. Credit, three quarter hours each quarter.*

311 ADVANCED SHORTHAND (Formerly Business Administration 204). Development of speed and accuracy in transcribing shorthand notes. Minimum requirement is accurate transcription of notes dictated at the rate of 60 words a minute for five minutes. Gregg tests and standards used. Prerequisite: one year (or equivalent) of Gregg shorthand. *Five class hours a week. Fall quarter. Credit, two quarter hours.*

312-313. ADVANCED SHORTHAND (Formerly Business Administration 205-206). Dictation and transcription of shorthand notes at increased rates. Minimum requirement for 312 is 80 words per minute; and for 313, 100 words per minute with corresponding rates of accuracy in transcription. Prerequisite: Secretarial Science 311. Gregg tests and standards used. *Five class hours a*

week. Winter and spring quarters. Credit, two quarter hours each quarter.

411 ADVANCED SHORTHAND. Further transcription practice: minimum requirement 120 words per minute with accompanying accuracy in transcription. Opportunity also to take the 140 test. Gregg tests and standards used. Prerequisite: Secretarial Science 311. *Five class hours a week. Fall quarter. Credit, two quarter hours.*

415 ADVANCED OFFICE PRACTICE AND MACHINES. Designed to familiarize the student with use of different types of office machines in various offices. Thorough discussion of methods of filing. Personal qualities of the successful secretary further developed. *Five class hours a week. Fall quarter. Credit, two quarter hours.*

421 OFFICE MANAGEMENT. Classroom practice in applying for positions and in filling various positions in which students may be employed. Prerequisite: Secretarial Science 415. *Five class hours a week. Winter quarter. Credit, two quarter hours.*

425 SECRETARIAL PRACTICE. A laboratory course in which the student is employed in an office on the campus or in the city, to put into practice the knowledge and skills he has learned. Prerequisite: Secretarial Science 421. *Fifteen class hours a week. Spring quarter. Credit, ten quarter hours.*

DEPARTMENT OF CHEMISTRY

C. V. CLAY*, *Chairman*

W. V. WINTERS

K. L. EMANUEL

W. E. MURRAY

The work in the Department of Chemistry is intended to serve four purposes. (1) It provides a thorough foundation in the general courses for students who seek an understanding of the methods and achievements of the chemist. (2) It provides the needed semi-specialized preparation for students who are majoring in agriculture, home economics, and trades and industries. (3) It affords training for persons who plan to teach science in the secondary school. (4) It provides pre-professional training for students who intend to study dentistry, medicine, etc., and for those who plan to enter graduate school.

PLAN OF STUDY

Students who plan to major in chemistry should confer with the department chairman before beginning their study programs. Chemistry majors are expressly cautioned not to enroll in the science survey courses. The following are normally prescribed for the major: Chemistry 101-102, 103, 201-202, 301-302, 401-402. Students taking a minor in chemistry should complete: Chemistry 101-102, 103, 301-302.

For those who plan to teach science in the secondary school, this department collaborates with the departments of biology and mathematics and physics in providing a general science major. The curriculum follows the chemistry curriculum.

GENERAL REQUIREMENTS FOR GRADUATION

Candidates for the B. S. degree with a major in chemistry are

*On leave, 1948-1949.

required to complete a minimum of 187 quarter hours, excluding physical education activity. The general requirements are distributed as follows:

General education, 94 quarter hours:

Biology	12 hours
Chemistry	12 hours
English & Art	20 hours
Foreign language	15 hours
Mathematics	10 hours
Physical education	6 hours
Social sciences	20 hours
Elective	5 hours

Special Education, 93 quarter hours:

Chemistry	38 hours
Mathematics and Physics	17 hours
Electives	38 hours

CHEMISTRY CURRICULUM

FRESHMAN

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Chem. 101-102	General Inorganic Chemistry	6	6	
Chem. 103	Qualitative Analysis			6
Eng. 101-102	Freshman Composition	5	5	
Eng. 103	Elements of Oral Expression			5
Math. 107	Intermediate Algebra			5
Soc. Sc. 101-102	Social Science Survey	5	5	
P. Ed. 100-101-102	Freshman Gymnasium	(1)	(1)	(1)
		<u>16</u>	<u>16</u>	<u>16</u>

SOPHOMORE

<i>Course</i>	<i>Descriptive Titles</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Art 201	Introduction to Art	1		
Chem. 201-202	Quantitative Analysis	5	5	
Ec. 201	Principles of Economics			5
Eng. 204	Advanced Composition	4		
Math. 200	Trigonometry		5	
Math. 201	College Algebra	5		
P. Ed. 200-201-202	Sophomore Gymnasium	(1)	(1)	(1)
Psy. 201	General Psychology			5
Elective			5	5
		<u>15</u>	<u>15</u>	<u>15</u>

JUNIOR

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Chem. 301-302	Organic Chemistry	6	6	
Fr. 101-102-103	Elementary French	5	5	5
Physics 201-202	General Physics	6	6	
Elective				10
		—	—	—
		17	17	15

SENIOR

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Chem. 401-402	Elementary Physical Chemistry	5	5	
Elective		10	10	15
		—	—	—
		15	15	15

GENERAL SCIENCE CURRICULUM

FRESHMAN

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Bio. 103	General Botany			6
Chem. 101-102	General Inorganic Chemistry	6	6	
Eng. 101-102	Freshman Composition	5	5	
Eng. 103	Elements of Oral Expression			5
Math. 101	Functional Mathematics			5
P. Ed. 100-101-102	Freshman Gymnasium	(1)	(1)	(1)
Soc. Sc. 101-102	Social Science Survey	5	5	
		—	—	—
		16	16	16

SOPHOMORE

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Art 201	Introduction to Art		1	
Bio. 201-202	General Zoology	6	6	
Ed. 201	Orientation in Education	5		
Eng. 202	Introduction to English Literature		4	
Math. 200	Trigonometry		5	
Math. 201	College Algebra	5		
P. Ed. 200-201-202	Sophomore Gymnasium	(1)	(1)	(1)
Psy. 201	General Psychology			5
Soc. Sc. 204	Contemporary Georgia			5
Elective				5
		—	—	—
		16	16	15

JUNIOR

Course	Descriptive Title	Quarter Hours Credit		
		Fall	Winter	Spring
Ed. 303	The School and Social Order	5		
Ed. 404	Fundamentals of Curriculum Bldg.			5
Ed. 432	Psychology of Adolescence		5	
French 101-102-103	Elementary French	5	5	5
Physics 201-202	General Physics	6	6	
Elective				5
		<hr/> 16	<hr/> 16	<hr/> 15

SENIOR

Course	Descriptive Title	Quarter Hours Credit		
		Fall	Winter	Spring
Chem. 301-302	Organic Chemistry	6	6	
Ed. 306	Methods of Teaching in the Secondary School	5		
Ed. 405	Materials and Methods of Teaching Science in the Secondary School		5	
Ed. 441	Directed Student Teaching in Secondary School			10
Elective		5	5	5
		<hr/> 16	<hr/> 16	<hr/> 15

DESCRIPTION OF COURSES

CHEMISTRY

101 GENERAL INORGANIC CHEMISTRY. Study of the more important non-metallic and metallic elements, with particular emphasis on fundamental principles and practical applications to everyday problems. Laboratory fee, \$1.00. *Three class hours and two (three)* two-hour laboratory periods a week. Fall and winter quarters. Credit, five (six)* quarter hours.*

102 GENERAL INORGANIC CHEMISTRY. Continuation of Chemistry 101. The laws on which the atomic theory is based; properties of gases, liquids; theory of ionization; methods of preparation and typical reactions. Detailed study of those closely related to foods, household operations, and agriculture. Laboratory fee, \$1.00. *Three class hours and two (three)* two-hour laboratory periods a week. Winter and spring quarters. Credit, five (six)* quarter hours.*

103 QUALITATIVE ANALYSIS. Theory and laboratory practice in the fundamentals of analytical chemistry. The systematic separation and identification of cations and anions. Prerequisite: Chemistry 101-102. Laboratory fee, \$1.00. *Three class hours and three two-hour laboratory periods a week. Spring quarter. Credit, six quarter hours.*

201 QUANTITATIVE ANALYSIS. Volumetric methods of analysis—theory and practice, oxidation, reduction, acidimetry, alkalimetry. Laboratory fee, \$1.00. Prerequisite: Chemistry 101, 102, 103. *Two class hours and three two-*

*For science majors.

hour laboratory periods a week. Fall quarter. Credit, five quarter hours.

202 QUANTITATIVE ANALYSIS. Gravimetric methods of analysis. Prerequisite: Chemistry 103, 201. Laboratory fee, \$1.00. *Two class hours and three two-hour laboratory periods a week. Winter quarter. Credit, 5 quarter hours.*

204 ORGANIC CHEMISTRY. An abridged course designed for students in home economics. Prerequisite: ten quarter hours of inorganic or general chemistry. Laboratory fee, \$1.00. *Three class hours and two two-hour laboratory periods a week. Spring quarter. Credit, five quarter hours.*

301. ORGANIC CHEMISTRY. Preparation and tests, properties of carbon compounds, especially aliphatic compounds. Prerequisite: ten hours of college chemistry. Laboratory fee, \$1.00. *Three class hours and three two-hour laboratory periods a week. Fall quarter. Credit, six quarter hours.*

302 ORGANIC CHEMISTRY. Continuation of Chemistry 301, with emphasis on heterocyclic organic compounds. Laboratory fee, \$1.00. Prerequisite: Chemistry 301. *Three class hours and three two-hour laboratory periods a week. Winter quarter. Credit, six quarter hours.*

401-402 ELEMENTARY PHYSICAL CHEMISTRY. Study of the fundamental laws and theories of matter as applied to gases, liquid, solids, and solutions; the phase rule, reaction, velocity catalysis, thermo and electro-chemical reactions. Laboratory fee, \$1.00 each course. Prerequisite: Chemistry 201-202. *Three class hours and two two-hour laboratory periods a week. Fall and winter quarters. Credit, five quarter hours each quarter.*

404 BIOCHEMISTRY. Application of organic chemistry to the study of physiological processes. Designed to provide a background for courses in dietetics, nutrition, agriculture, and biology. Laboratory fee, \$1.00. Prerequisite: Chemistry 301-302. *Three class hours and two two-hour laboratory periods a week. Credit, five quarter hours.*

THE DEPARTMENT OF EDUCATION

WILLIAM K. PAYNE, *Chairman*

CHARITY C. ADAMS	HOMER H. HAMILTON	LILLIAN A. PRICE
WILLIAM H. BROWN	THELMA E. MOORE	EUGENE STANLEY
IDA B. GADSDEN*	JAMES E. PARKER	ALMA L. STEGALL**
DOROTHY C. CARTER, <i>Acting Principal</i> , Powell Laboratory School		
LEANNA T. CRAWFORD	EMILY C. DEVEAUX	ROSA M. WATSON

The Department of Education serves two purposes: (1) to train pre-service and in-service teachers, principals, and supervisors for the elementary and secondary schools—particularly for the schools of Georgia; (2) to provide an adequate foundation for advanced study on the graduate level.

THE TRAINING OF TEACHERS FOR THE ELEMENTARY SCHOOL

AIMS AND PURPOSES

Specifically, the program for training elementary teachers is based on six principles: (1) teachers must have a wide academic and cultural background; (2) they must have a thorough knowledge of

*Part time

**On leave, 1948-49

human behavior; (3) they must have a knowledge of the processes involved in learning; (4) they must know teaching techniques and the skills necessary to produce learning; (5) they must know how to adjust to people and the many perplexing problems of our times; and (6) they must have a command of the communication skills.

PLAN OF STUDY

The freshman and sophomore years are devoted mainly to general education. In addition, students who manifest an interest in elementary education are required to take Education 101-102-103. These courses are designed to acquaint students with the teaching profession and the qualities necessary for success in the field. Education 202 and 203 are required for sophomores. These courses provide opportunities for working with groups of children.

The program for the junior and senior years consists of required professional courses in the special subject matter fields, together with approved electives.

GENERAL REQUIREMENTS FOR GRADUATION**

Candidates for the Bachelor of Science degree with a major in elementary education are required: (1) to demonstrate ability to do satisfactory teaching; (2) to complete a minimum of 190 quarter hours, excluding physical education activity. The general requirements are distributed as follows:

Art and Music	13	quarter	hours
Education	55	"	"
English	27	"	"
Health education	6	"	"
Mathematics	5	"	"
Natural science	20	"	"
Physical education	6	"	"
Social sciences	40	"	"
Electives	24	"	"

ELEMENTARY EDUCATION CURRICULUM

FRESHMAN

Course	Descriptive Title	Quarter Hours Credit		
		Fall	Winter	Spring
Bio. 101-102	Human Biology	5	5	
Ed. 101-102-103	Introduction to the Teaching Profession	2	2	2
Eng. 101-102	Freshman Composition	5	5	
Eng. 103	The Elements of Oral Expression			5
Math. 101	Functional Mathematics			5
P. Ed. 100-101-102	Freshman Gymnasium	(1)	(1)	(1)
P. Sc. 101	Physical Science Survey			5
Soc. Sc. 101-102	Social Science Survey	5	5	
		<u>17</u>	<u>17</u>	<u>17</u>

**For persons who enrolled as elementary education majors beginning with the summer of 1948. The outline of course requirements for the elementary education major before the summer of 1948 may be obtained from the Registrar.

SOPHOMORE

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Art 201-202-203	Introduction to Art	1	1	1
Ec. 201	Principles of Economics			5
Ed. 201	Orientation in Education			5
Ed. 202-203	Introduction to Children	2	2	
Eng. 202	Introduction to English Literature	4		
Eng. 203	Survey of American Literature		4	
Eng. 204	Advanced Composition			4
H. Ed. 104	Principles of Health Education		3	
P. Ed. 200-201-202	Sophomore Gymnasium	(1)	(1)	(1)
P. Sc. 102	Physical Science Survey	5		
Psy. 201	General Psychology	5		
Soc. Sc. 204	Contemporary Georgia		5	
		<u>17</u>	<u>15</u>	<u>15</u>

JUNIOR

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Ed. 302	Educational Psychology	5		
Ed. 303	The School and the Social Order	5		
Ed. 304	Methods of Teaching in the Elementary School		5	
Ed. 305	Science for Elementary School Teachers			5
Geog. 301	Principles of Geography		5	
Hist. 306	History of the United States from the Civil War to the Present		5	
Music 301	Public School Music	5		
H. Ed. 208	Community Hygiene			3
Pol. Sc. 309	American Government			5
Elective				5
		<u>15</u>	<u>15</u>	<u>18</u>

SENIOR

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Art 401	Public School Art	5		
Ed. 424	Methods and Materials of the Elementary School Curriculum		5	
Ed. 440	Directed Student Teaching in the Elementary School		10	
Ed. 445	Seminar for Teachers in the Elementary School			5
Electives		10		9
		<u>15</u>	<u>15</u>	<u>14</u>

THE TRAINING PROGRAM FOR TEACHERS IN THE SECONDARY SCHOOL

AIMS AND PURPOSES

The goals of this program are seen as qualities that should characterize the superior teacher. (1) He should have that command of subject matter which will enable him to adapt content to the needs, problems, and interests of high school pupils. (2) He should have such mastery of communication skills as will enable him to assist pupils in developing these skills. (3) He should be adept in the appropriate use of a wide variety of teaching materials. (4) He should be able to further good human relationships. (5) He should be able to think and plan effectively.

PLAN OF STUDY

Specialization in secondary education begins in September, following the student's freshman year, with a ten-day field experience as a "helper" in a high school located in the student's home town. During the spring quarter of the preceding year, the College makes arrangements for this experience through principals who designate regular teachers to be assisted by students from the College. The student assists with the routine work incident to the opening of school, attends faculty meetings, and observes the operations of the school. It is felt that this experience can enable students to identify problems faced by a high school teacher and thus provide one basis for subsequent work in the teacher education curriculum.

Professional education courses offered during the last three years of the teacher training program involve field work, extensive contacts with children, and creative study in the education laboratory. During this time the student likewise completes a major concentration in one of the following, which—presumably—will be his teaching field: English, general science, mathematics, music, physical education, social sciences.

Directed student teaching, the culmination of the program of teacher education, is directed cooperatively by members of the department in which the student is specializing and the Department of Education. Under this arrangement weekly seminars are also provided.

GENERAL REQUIREMENTS FOR GRADUATION

A candidate for the Bachelor of Science degree with a major in one of the aforementioned fields and professional education to meet teacher certification standards will satisfy these requirements:

1. A minimum of 180 quarter hours, the precise quantitative requirement depending upon the student's major, including:
 - a. At least 30 quarter hours of professional education in courses selected under guidance of the director of secondary school practice;
 - b. At least 45 quarter hours in major courses selected under

- guidance of the major advisor;
- c. General education courses outlined in the student's major curriculum.
2. Achievement of qualitative goals adequate to warrant approval of the student as a good risk by the Department of Education.

CURRICULA

Four year study programs leading to the B. S. degree for persons who plan to teach in the secondary school are listed under the several department headings of the Division of Arts and Sciences.

DESCRIPTION OF COURSES

EDUCATION

101-102-103 INTRODUCTION TO THE TEACHING PROFESSION. For freshmen who profess an interest in teaching. Staff assistance in an analysis of the student's needs in relation to his own development and in relation to the development necessary in the teaching field. Such areas as health, reading, oral and written English considered in the analysis of the student's needs. Guidance and counseling provided. Duties and responsibilities of teachers, qualities necessary for success in the teaching field. Types of teaching jobs analyzed. The program of the college, the state, and the resources of the various communities which may be used to improve education. Opportunities provided for directed observation and participation in the educational activities of local and other communities. *One class hour and two hours of observation and participation a week. Fall, winter, and spring quarters. Credit, two quarter hours each quarter.*

201 ORIENTATION IN EDUCATION. A background of the American public school system; a survey of school systems in other countries; current problems of education; and the various fields of study in education. Special consideration given the Georgia school system. *Five class hours a week. Fall. Spring. Credit, five quarter hours.*

202-203 INTRODUCTION TO CHILDREN. Provides opportunities to work with groups of children: boy and girl scouts, community clubs, 4-H clubs, school and inter-school councils, and the like. *One class hour and one two-hour laboratory period a week. Fall and winter quarters. Credit, two quarter hours each quarter.*

302 EDUCATIONAL PSYCHOLOGY. Designed to provide an understanding of factors conditioning learning: motivation, interests, individual differences, and personality development. Special consideration to the use and interpretation of standardized tests. *Five class hours a week. Fall quarter. Credit, five quarter hours.*

303 THE SCHOOL AND THE SOCIAL ORDER. Helps the student develop a comprehensive picture of activities and needs of children, youth, and adults in the social order. The function of the school, the interplay of social forces, and trends in school and community relationships. *Five class hours a week. Fall quarter. Credit, five quarter hours.*

304 METHODS OF TEACHING IN THE ELEMENTARY SCHOOL. Introduces the student to recent trends in procedures, practices, and techniques involved in teaching in the elementary school. Directed observation in Powell Laboratory School and in other public schools. *Five class hours a week. Winter quarter. Credit, five quarter hours.*

305 SCIENCE FOR ELEMENTARY SCHOOL TEACHERS. Provides a background of fundamental science concepts and a knowledge of materials, activities, methods, and procedures necessary for developing a science program in

the elementary school. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

306 METHODS AND MATERIALS OF TEACHING IN SECONDARY SCHOOL. Deals with the nature of secondary school pupils, methods of guiding the learner, problems of study and methods of evaluation. *Five class hours a week. Fall. Spring. Credit, five quarter hours.*

312 THE TEACHING OF ARITHMETIC IN THE ELEMENTARY SCHOOL. Is intended to teach the student how to develop the number concept in arithmetic. Emphasis on developing these concepts in the four operations in arithmetic. Directed observation in public schools. *Five class hours a week. Winter quarter. Credit, five quarter hours.*

323 CHILDREN'S LITERATURE. A study of both historical and modern children's books and selections from books. Designed to assist future teachers in the selection of the best that has been written in the realm of children's literature for each period of the child's life. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

330 PLANNING THE ELEMENTARY SCHOOL CURRICULUM. Introduces the student to the philosophy, aims, and methods used in building a modern curriculum. Emphasis upon procedures for locating, organizing, and summarizing data concerning social, economic, political, and personal problems. These data are used as bases for curricula development. Directed observation in nearby public schools and in Powell Laboratory School. *Five class hours a week. Winter quarter. Credit, five quarter hours.*

340 THE TEACHING OF READING IN THE ELEMENTARY SCHOOL. The nature of the reading process, procedures for diagnosing reading disabilities, and recent trends in methods and techniques for teaching reading. Directed observation in Powell Laboratory School and other public schools. *Five class hours a week. Fall quarter. Credit, five quarter hours.*

345 THE TEACHING OF SOCIAL STUDIES IN THE ELEMENTARY SCHOOL. Extensive reading in the field. Each student works on a unit which he chooses. Analysis of teaching aids and books for children. *Five class hours a week. Winter quarter. Credit, five quarter hours.*

347 AUDIO-VISUAL MATERIALS AND METHODS. A workshop. Experiences in the utilization, evaluation, and preparation of various kinds of audio-visual teaching aids. The place of audio-visual aids in the learning process. Students have opportunities to try out these aids in the Powell Laboratory School. *Five class hours a week. Credit, five quarter hours.*

371 HEALTH EDUCATION. Designed to acquaint pre-service and in-service teachers with the fundamental principles of health education, to offer techniques for developing functional school-community health programs, and to explore the utilization of available materials. *Three class hours a week. Credit, three quarter hours.*

400 METHODS OF TEACHING ENGLISH IN THE SECONDARY SCHOOL. Detailed and concrete suggestions for teaching English composition, language and literature; methods, materials, and techniques pertinent to such teaching activities as lesson assignments, tests and measurements, the evaluation of textbooks, audio-visual aids, and the correlating of English with other subjects in the secondary school curriculum. Prerequisite: junior or senior classification. *Five class hours a week. Winter quarter. Credit, five quarter hours.*

404 FUNDAMENTALS OF CURRICULUM BUILDING. An introduction to the philosophy, aims, principles, theories, and organization of the modern curriculum. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

405 MATERIALS AND METHODS OF TEACHING SCIENCE IN THE SECONDARY SCHOOL. The organization of content, observation, teaching procedures, science in modern life, and equipment of science laboratories. Prerequisite: a

major in general science. *Five class hours a week. Winter. Spring. Credit, five quarter hours.*

411 THE TEACHING OF MATHEMATICS IN THE SECONDARY SCHOOL. Planning and organizing classroom activities, materials of instruction, observation, teaching procedures, and the application of mathematics in the solution of problems. Prerequisite: a major in mathematics. *Five class hours a week. Winter. Spring. Credit, five quarter hours.*

414 OCCUPATIONAL GUIDANCE. The place of guidance in the school program, modern techniques in guidance, principles, and methods of guidance. Prerequisite: Education 302. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

415 MATERIALS AND METHODS OF TEACHING SOCIAL SCIENCES IN THE SECONDARY SCHOOL. Aims in the study of history, sociology, political science, and economics. The place of social studies in the curriculum of the secondary school. Preparation and equipment of the teacher. Teaching methods. Text-books, workbooks, visual aids, and other classroom equipment. Tests and testing. Prerequisite: a major in social sciences. *Five class hours a week. Winter. Spring. Credit, five quarter hours.*

417 PROBLEMS OF THE RURAL SCHOOL. Organization and administration of the rural school, utilization of community resources, and teacher-community relationships. *Five class hours a week. Credit, five quarter hours.*

421 CHILD PSYCHOLOGY. An introduction to the study of children: the aims of child psychology; development of children in physical, mental, emotional, and social aspects. Observation and application of principles of child growth in the immediate community. *Five class hours a week. Winter quarter. Credit, five quarter hours.*

424 METHODS AND MATERIALS OF THE ELEMENTARY SCHOOL CURRICULUM. The nature and development of the learner and his needs, his relationship to the social group, curriculum problems at the elementary level, planning and organizing experiences. Prerequisite: A major in elementary education. *Five class hours a week. Winter. Spring. Credit, five quarter hours.*

*425 METHODS AND MATERIALS OF THE SECONDARY SCHOOL CURRICULUM. Organization and evaluation of teaching units in the student's major field, collection and evaluation of instructional materials in a specific area, maintenance of curriculum laboratory and the use of audio-visual aids. Offered only as a seminar in connection with student-teaching. Prerequisite: Education 306 and Education 404. Laboratory fee, \$1.00. *Four class hours and one individual conference with advisor a week. Credit, five quarter hours.*

432 PSYCHOLOGY OF ADOLESCENCE. Intended to provide an understanding of physical and mental growth of high school boys and girls, and problems of social adjustment. Prerequisite: Education 201. *Five class hours a week. Credit, five quarter hours.*

440 DIRECTED STUDENT TEACHING IN THE ELEMENTARY SCHOOL. A cooperative venture between the College and various school systems. Gives students experience in dealing with real problems which classroom teachers face under normal conditions; also guidance to teachers in service. Affords college staff members a deeper understanding and insight into problems facing teacher education today. Prerequisite: Education 302 and 304. Concurrent: Education 424. *Four hours a week conference with critic teacher and supervisor and twelve hours a week directed teaching. Winter quarter. Credit, ten quarter hours.*

441 DIRECTED STUDENT TEACHING IN THE SECONDARY SCHOOL. Opportunity to teach in regular school situations in nearby public schools on the

*Superseded by special methods courses: Education 400, 405, 411, 415, Music Education 312, and Physical Education 402.

secondary level. Under supervision the student experiences full responsibilities of guiding children. Students must be prepared to defray cost of professional materials and living expenses incident to the field experience in or near Savannah. Prerequisite: Education 302, 306. Concurrent: special methods in the student's major. *Four hours a week conference with critic teacher and supervisor and twelve hours a week directed teaching. Winter. Spring. Credit, ten quarter hours.*

445 SEMINAR FOR TEACHERS IN THE ELEMENTARY SCHOOL. Deals with problems resulting from the student teaching experience. Emphasis on planning the total program in the elementary school, the responsibility and relationship of the various teachers in the school. Special attention to improvement of outstanding deficiencies in procedures and techniques of teaching. Prerequisite: Education 440. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

446 SEMINAR FOR TEACHERS IN THE SECONDARY SCHOOL. *Five class hours a week. Winter. Spring. Credit, five quarter hours.*

DEPARTMENT OF FINE ARTS

HILLIARY R. HATCHETT, JR., *Acting Chairman*, Music

JOHN J. BALLOU

WALTER A. SIMON, *Graphic Arts*

The Department of Fine Arts provides opportunity for work in music and the graphic arts for students who have special interests and abilities in these fields and for those who desire an intelligent understanding of the arts as a vital part of their general education.

Specifically, the aims of the program in music education are: (1) to provide opportunities for all students to develop an appreciation of music and musical productions, and—through participation in general music activities—to exercise such talents as they have; (2) to develop those students who show interest and aptitude to the point of competence needed for success as teachers and supervisors of school music and directors of orchestras, bands, and community choruses.

The courses in graphic arts are intended: (1) to provide the general student an understanding and appreciation of art which are essential to rounded living; (2) to enable students of elementary education and home economics to develop facility and skills in adapting art materials to functional ends in the school and home.

GENERAL REQUIREMENTS FOR THE MAJOR IN MUSIC EDUCATION

All students desiring to major in music education are required:

1. To make a satisfactory score on a musical aptitude examination administered by the department at the beginning of the student's sophomore year.
2. To complete the prescribed curriculum for music education majors.
3. To earn a minimum of ten quarter hours as a contributing member of campus music organizations.

MUSIC ACTIVITIES FOR NON-MUSIC MAJORS

The Department of Fine Arts welcomes the cooperation of students. Direction of all music organizations on the campus is a responsibility of the Department of Music. All students who have the interest and ability are invited to contribute to the success of these organizations. Persons who are not music majors may enroll in the band, choir, and glee clubs. Upon recommendation of the chairman of the Department of Music, such persons may receive a maximum of one quarter hour of non-academic credit in music for each quarter of successful participation.

MUSIC EDUCATION CURRICULUM

FRESHMAN

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Bio. 101-102	Human Biology			
or				
P. Sc. 101-102	Physical Science Survey	5	5	
Eng. 101-102	Freshman Composition	5	5	
Eng. 103	Elements of Oral Expression			5
Math. 101	Functional Mathematics			5
Music 111	Notation and Terminology			3
Music	Applied Music (Class or Private)	1	1	1
Music	Music Ensemble	R*	R*	R*
P. Ed. 100-101-102	Freshman Gymnasium	(1)	(1)	(1)
Soc. Sc. 101-102	Social Science Survey	5	5	
		<u>16</u>	<u>16</u>	<u>14</u>

SOPHOMORE

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Art 201	Introduction to Art	1		
Ed. 201	Orientation in Education	5		
Ed. 302	Educational Psychology			5
Eng. 204	Advanced Composition	4		
Music 201-202	Elementary Harmony	3	3	
Music 211-212	Sight Singing & Ear Training	2	2	
Music 204-205	Survey of Music Literature		5	5
Music	Applied Music (Class or Private)	1	1	1
Music	Music Ensemble	R*	R*	R*
P. Ed. 200-201-202	Sophomore Gymnasium	(1)	(1)	(1)
Psy. 201	General Psychology		5	
Elective				5
		<u>16</u>	<u>16</u>	<u>16</u>

*Required participation.

JUNIOR

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Ed. 303	The School and the Social Order	5		
Ed. 306	Methods of Teaching in the Secondary School			5
Music 301	Public School Music—Elem. Grades	5		
Music 303-304	Advanced Harmony	3	3	
Music 306	Orchestration & Instrumentation			5
Music 312	Public School Music— Secondary Grades		5	
Music 313-314	Sight Singing & Ear Training	2	2	
Music	Applied Music (Class or Private)	1	1	1
Music	Music Ensemble	R*	R*	R*
Elective			5	5
		<hr/> 16	<hr/> 16	<hr/> 16

SENIOR

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Ed. 440 or Ed. 441	Directed Student Teaching in the Elementary School			
Ed. 445 or Ed. 446	Directed Student Teaching in the Secondary School		10	
Ed. 445 or Ed. 446	Seminar for Teachers in the Elementary School			
Ed. 446	Seminar for Teachers in the Secondary School		5	
Music 307	Principles of Conducting			5
Music 401	Analysis of Form	5		
Music 402	Evaluation in Music	5		
Music	Applied Music (Class or Private)	1		1
Music	Music Ensemble	R*	R*	R*
Elective		5		10
		<hr/> 16	<hr/> 15	<hr/> 16

DESCRIPTION OF COURSES

ART

201-202-203 INTRODUCTION TO ART. A survey of art development beginning with Roman art and including early Christian art, the Romanesque Period, the Gothic Period in France, Germany, and England, and terminating with the Renaissance in Italy. Masterpieces of architecture, sculpture, painting, and ceramics are shown and discussed in their historical continuity with reference to their sociological implications and the general culture of each period. Lectures illustrated by lantern slides. *One class hour a week. Fall, winter, spring quarters. Credit, one quarter hour each quarter.*

401 PUBLIC SCHOOL ART. Designed to give pre-service and in-service teachers a basis for developing an elementary school art program. Stress is

*Required participation.

placed on relationships of color, line and form. Work in three-dimensional and two-dimensional forms. Problems relating to everyday living discussed and worked on: designs for textiles and wall paper, decorating the home and the classroom functionally and attractively. Of special interest to elementary education and home economics majors. *Five class hours a week. Fall quarter. Credit, five quarter hours.*

MUSIC

APPLIED MUSIC. Private lessons in piano, organ, voice, or instruments of the band and orchestra. Fee, \$15.00 per quarter. *One one-half hour lesson and five practice hours a week. Fall, winter, spring quarters. Credit, one quarter hour each quarter.*

111 NOTATION AND TERMINOLOGY. Basic notation: meter, rhythm, key and time signatures, and simple form. Introduction to the structure of musical instruments. Study of Italian, German, and French terms used in music interpretation. *Three class hours a week. Spring quarter. Credit, three quarter hours.*

201 ELEMENTARY HARMONY (Formerly 302). Study of the basic harmonic devices. The formation of major and minor scales, triads and inversions, seventh chords and modulation to related keys by common chords and the dominant seventh. *Three class hours a week. Fall quarter. Credit, three quarter hours.*

202 ELEMENTARY HARMONY. Formation of the dominant ninth, the cadencing resolution of chords of the seventh, hymn tune composition, and modulation to unrelated tonalities. Prerequisite: Music 201 and 211. *Three class hours a week. Winter quarter. Credit, three quarter hours.*

203 ELEMENTARY HARMONY. Study of transient modulations and sequences of the same, song-form composition, and the secondary chord of the seventh and its inversions. Prerequisite: Music 201 and 202. *Three class hours a week. Spring quarter. Credit, three quarter hours.*

204 SURVEY OF MUSIC LITERATURE. Complete surveyance of music literature from the Seventeenth Century through Classicism. Required of music majors and minors. Open to other majors as an elective. No prerequisite. *Five class hours a week. Winter quarter. Credit, five quarter hours.*

205 SURVEY OF MUSIC LITERATURE. Study of the literature of Romantic and modern composers. Required of music majors. Open to other majors as an elective. Prerequisite: Music 204. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

211 SIGHT SINGING AND EAR TRAINING. Sight singing of simple melodies and harmonic and melodic dictation. Co-requisite: Music 201. *Two class hours a week. Fall quarter. Credit, two quarter hours.*

212 SIGHT SINGING AND EAR TRAINING. Sight singing and melodic dictation of intricate rhythmic patterns. Co-requisite: Music 202. *Two class hours a week. Winter quarter. Credit, two quarter hours.*

213 SIGHT SINGING AND EAR TRAINING. Emphasis on speed in sight reading and melodic and harmonic dictation. Co-requisite: Music 203. *Two class hours a week. Spring quarter. Credit, two quarter hours.*

301 PUBLIC SCHOOL MUSIC—ELEMENTARY GRADES. Selection and presentation of rote songs; the child voice in singing and treatment of the unmusical child. The presentation of staff notation and note recognition. Classroom procedure, the care and culture of voices, and theoretical problems of each grade. Two weeks of practice work in the Powell Laboratory School. Prerequisite: Music 111. *Five class hours a week. Fall quarter. Credit, five quarter hours.*

303 ADVANCED HARMONY. The formation of the augmented triad, the diminished seventh, Neapolitan sixth, and other chromatic alterations. The

use of chromatically altered chords in modulation. Prerequisite: Music 201, 202, and 203. *Three class hours a week. Fall quarter. Credit, three quarter hours.*

304 ADVANCED HARMONY. Study of the suspension, retardation, passing-tone, embellishment, appoggiatura, anticipation, pedal point, plain and florid melodic figuration, and reduction and extension of melodies. Prerequisites: Music 201, 202, 203, and 303. *Three class hours a week. Winter quarter. Credit, three quarter hours.*

306 ORCHESTRATION AND INSTRUMENTATION. Study of the range and tone quality of the instruments of the band and orchestra. Study of the orchestral scores, scoring of varied types of scores for instrumental ensembles, and project work in original song-form compositions. Project arrangements and compositions are performed by the College band and orchestra. Prerequisites: Music 201, 202, 203, and 303. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

307 PRINCIPLES OF CONDUCTING. Theoretical and underlying principles in the realization of a successful conductor. Training in direction, phrasing, subdivision, treatment of recitative and cadenza and the use of the left-hand. Actual experience with the campus musical organizations. Prerequisites: Music 301, 303, 304, 306, 312. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

312 PUBLIC SCHOOL MUSIC — SECONDARY GRADES. Introduction of basic theory to the secondary school student. Methods of promoting interest in music activities and efficient operation of glee clubs, mixed groups, bands, and orchestras. The place of music in assembly and on special occasions. Prerequisite: Music 111 and 301. *Five class hours a week. Winter quarter. Credit, five quarter hours.*

313 SIGHT SINGING AND EAR TRAINING. Sight singing of advanced melodies and dictation of involved rhythmic patterns and harmonies. Co-requisite: Music 303. *Two class hours a week. Fall quarter. Credit, two quarter hours.*

314 SIGHT SINGING AND EAR TRAINING. Continuation of 313. Co-requisite: Music 304. *Two class hours a week. Winter quarter. Credit, two quarter hours.*

401 ANALYSIS OF FORM. Form analysis of theme and variation, song-form and trio, the rondo, the sonata, sonata-form, the suite, canon, fugue, invention, prelude, overture, symphony, concerto and program music. Complete analysis of harmonic and melodic structure. Prerequisite: All theory courses through Music 314. Literature fee—\$4.50. *Five class hours a week. Fall quarter. Credit five quarter hours.*

402 EVALUATION IN MUSIC. Description and evaluation of achievement tests and a survey of accomplishment in music appreciation and performance. Prerequisite: Music 301 and 312. *Five class hours a week. Fall quarter. Credit, five quarter hours.*

403 ELEMENTARY COUNTERPART. Construction of two-part counterpoint through the five species. Prerequisites: All theory courses through Music 314. *Five class hours a week. Fall quarter. Credit, five quarter hours.*

404 COMPOSITION. Composition of original works, beginning with song-form and trio and ending with single fugue. Prerequisites: All theory courses through Music 403. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

405 NEGRO MUSIC. Survey of Negro music from the beginnings to contemporary Negro composers, with emphasis on the use of Negroid idioms in formal composition. No prerequisite. General elective open to all students. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

406 INSTRUMENTAL CLASS METHODS. Study of the aims and methods of class instruction in elementary, junior, and senior high schools. The or-

ganization of bands, orchestras, and instrumental classes. The learning of fingering and playing scales and simple melodies on the various instruments of the band and orchestra. Prerequisite: Music 301 and 312. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

RELATED MUSIC ACTIVITIES

BAND—CONCERT AND FIELD. Concert and field work with the most popular of band literature. Prerequisite: Ability to play scales and intermediate melodies on chosen instrument. *Six rehearsal hours a week. Credit, (one) quarter hour each quarter.*

CHOIR—SACRED AND SECULAR. Reading of a repertoire which includes the standard sacred and secular choral compositions. *Five rehearsal hours a week. Credit, (one) quarter hour each quarter.*

DEPARTMENT OF LANGUAGES AND LITERATURE

J. RANDOLPH FISHER, *Acting Chairman*

EMMA R. CUNNINGHAM

LOISE O. LAUTIER*

ALICE M. HAYNES*

JANIE L. LESTER

HOMER H. HAMILTON

TIMOTHY C. MEYERS

ETHEL R. JACOBS

MARSEILLE A. QUINNEY

BEULAH V. JOHNSON

CHARLES J. SMITH, III

GRACE E. HUNT, French

The aim of the Department of Languages and Literature is to help the student become proficient in oral and written language, and to help him develop an appreciation for good literature.

A student who has successfully pursued English as his major subject should have some power to discriminate between that which is genuinely great and that which is less great in literature. He should have an intelligent acquaintance with a fair number of English masterpieces. He should have some facility, taste, and understanding in expression, and some idea of the main trends of English and American thought.

As to French, specifically, the objectives are: (1) to develop a working knowledge of French so that the student will be fairly proficient in the mechanics of writing and speaking the language, and (2) to develop a reading knowledge of French which will enable the student to read the language with reasonable comprehension and ease.

PLAN OF STUDY

All freshman students are given a placement test in English. Those passing the test enter English 101; those who fail are placed in non-credit groups according to the score made in the test. If at the end of the quarter a student passes the test and has done creditable work, he is given credit for his work and is allowed to take English 102. Students are required to pass the test before they receive credit for

*On leave, 1948-1949.

their work. Students who show a very high proficiency may be allowed to begin the freshman work with English 102.

A student majoring in English Language and Literature will complete fifty-five quarter hours in language, composition, literature, and speech offered by the Department of English. One taking a minor in English will complete forty-five quarter hours. Not more than one course in composition may be taken at a time. Specific course requirements for the major are listed in the curricula below. Specific requirements for the minor are as follows:

MINOR IN ENGLISH

101-102	Freshman Composition
103	Elements of Oral Expression
202	Introduction to English Literature
203	Survey of American Literature
204	Advanced Composition
303	The English Romantic Movement
402	Prose and Poetry by Negro Authors
	One elective above 300

Prospective teachers in the field of English are advised to take English 308 (Phonetics) and English 309 (History of the English Language).

ENGLISH CURRICULUM I*

LEADING TO THE B. S. DEGREE

FRESHMAN

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Bio. 101-102	Human Biology	5	5	
Eng. 101-102	Freshman Composition	5	5	
Eng. 103	The Elements of Oral Expression			5
Math. 101	Functional Mathematics			5
P. Ed. 100-101-102	Freshman Gymnasium	(1)	(1)	(1)
P. Sc. 101	Physical Science Survey			5
Soc. Sc. 101-102	Social Science Survey	5	5	
		<u>15</u>	<u>15</u>	<u>15</u>

*Designed for persons planning to teach in the secondary school.

SOPHOMORE

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Art 201-202-203	Introduction to Art	1	1	1
Ec. 201	Principles of Economics			5
Ed. 201	Orientation in Education			5
Eng. 202	Introduction to English Literature		4	
Eng. 203	Survey of American Literature			4
Eng. 204	Advanced Composition	4		
P. Ed. 100-101-102	Sophomore Gymnasium	(1)	(1)	(1)
P. Sc. 102	Physical Science Survey	5		
Psy. 201	General Psychology	5		
Soc. Sc. 204	Contemporary Georgia		5	
Elective			5	
		<u>15</u>	<u>15</u>	<u>15</u>

JUNIOR

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Ed. 302	Educational Psychology	5		
Ed. 303	The School and the Social Order		5	
Ed. 404	Fundamentals of Curriculum Bldg.			5
Ed. 432	Psychology of Adolescence			5
Eng. 300	Shakespeare		5	
Eng. 301	English Literature of the 17th Century			5
Geog. 301	Principles of Geography	5		
Hist. 305	History of U. S. Through the Civil War	5		
Pol. Sc. 309	American Government		5	
		<u>15</u>	<u>15</u>	<u>15</u>

SENIOR

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Ed. 400	Methods of Teaching English in the Secondary School		5	
Ed. 417	Problems of the Rural School	5		
Ed. 441	Directed Student Teaching of English in Secondary School			10
Eng. 303	The English Romantic Movement	5		
Eng. 305	Victorian Prose and Poetry		5	
Eng. 405	The English Novel			5
Elective		5	5	
		<u>15</u>	<u>15</u>	<u>15</u>

ENGLISH CURRICULUM II, JUNIOR-SENIOR PROGRAM**
LEADING TO THE DEGREE OF BACHELOR OF ARTS

JUNIOR

Course	Descriptive Title	Quarter Hours Credit		
		Fall	Winter	Spring
Eng. 300	Shakespeare		5	
Eng. 301	English Literature of the 17th Century			5
Eng. 308	Phonetics			5
French 101-102-103	Elementary French	5	5	5
Geog. 301	Principles of Geographphy	5		
Hist. 305	History of the U. S. through the Civil War	5		
Pol. Sc. 309	American Government		5	
		<u>15</u>	<u>15</u>	<u>15</u>

SENIOR

Course	Descriptive Title	Quarter Hours Credit		
		Fall	Winter	Spring
Eng. 303	The English Romantic Movement	5		
Eng. 305	Victorian Prose and Poetry		5	
Eng. 309	History of the English Language	5		
Eng. 402	Prose and Poetry by Negro Authors		5	
Eng. 405	The English Novel			5
Eng. 406	Introduction to the Drama			5
Elective		5	5	5
		<u>15</u>	<u>15</u>	<u>15</u>

DESCRIPTION OF COURSES

ENGLISH

99 REMEDIAL ENGLISH. For students whose training in the fundamentals is limited; who show by their speech and writing that they need intensive drill in the essentials of grammar, spelling, punctuation, usage, and sentence structure. *Five class hours a week. Fall, winter, spring quarters. No credit.*

101-102. FRESHMAN COMPOSITION. Instruction and practice in the technique of written expression. Units of work based on the knowledge of how to use the library, practice in writing the four forms of discourse: narration, description, exposition, and argumentation, together with a study of letterwriting and simple criticism as embodied in the book report. Representative literary material will be read and discussed. *Five class hours a week. Fall. Winter. Spring. Credit, five quarter hours each quarter.*

103 THE ELEMENTS OF ORAL EXPRESSION. Designed to teach the use of good speech as a social tool in the ordinary conversational relations of life and to equip the student with the proper means for effective expression before an

**Courses for the freshman and sophomore years are the same as in the foregoing curriculum.

audience. Instructional units embodying theory and practice in the various phases of effective private and public speaking. *Five class hours a week. Fall. Winter. Spring. Credit, five quarter hours.*

202 INTRODUCTION TO ENGLISH LITERATURE. A survey of the historical background of each of the successive periods of English writing; biographical study of writers who shaped the English literary tradition; reading and discussion of forms and types of poetry and prose found within the literary structure, together with appreciative and critical evaluation of literature as the emotional and reflective communication of ideas. Prerequisite: English 101, 102, 103. *Four class hours a week. Fall. Winter. Spring. Credit, four quarter hours.*

203 SURVEY OF AMERICAN LITERATURE. An analytical survey of representative American poetic and prose writing, together with an interpretative and evaluative study of the religious, social, and political influences which moulded the literary thought of such writers as Edwards, Franklin, Irving, Emerson, Thoreau, Hawthorne, Melville, Bryant, Poe, Whitman, and Frost. Prerequisite: English 101, 102, 103. *Four class hours a week. Fall. Winter. Spring. Credit, four quarter hours.*

204 ADVANCED COMPOSITION. Intensive study of the theory and practice of writing the basic composition forms: exposition, narration, description, and argumentation; interpretive writing based on the inductive study of literary models; investigational writing or research involving methods of presenting data, and other written work of a documentary nature. Prerequisite: English 101 and 102. *Four class hours a week. Fall. Winter. Spring. Credit, four quarter hours.*

300 SHAKESPEARE (FORMERLY 401). The background, home life, and parentage of Shakespeare; Elizabethan theatrical traditions and conventions. Opportunity for oral reading and critical discussion of the great tragedies, comedies, and historical plays of the author. Consent of instructor. *Five class hours a week. Winter quarter. Credit, five quarter hours.*

301 ENGLISH LITERATURE OF THE SEVENTEENTH CENTURY. A survey of the important writers—their styles, subject-matter, and philosophies. Special emphasis upon the works of Milton, Dryden, and Bacon. Prerequisite: English 204. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

303 THE ENGLISH ROMANTIC MOVEMENT. The genesis of the Romantic theory, the beginning of the Romantic revolt in England; significant literary aspects of the Movement as shown in the works of Wordsworth, Coleridge, Byron, Shelley, and Keats; in the prose writing of Hazlitt, DeQuincey, Hunt, Lamb, and Scott. Prerequisite: English 204. *Five class hours a week. Fall quarter. Credit, five quarter hours.*

305 VICTORIAN PROSE AND POETRY (FORMERLY 302). An analytical study of the age of Queen Victoria of England, its government, political thought, religion, industrialism, agriculture, and cheap press; its literature as represented by the works of Tennyson, the Brownings, Carlyle, Arnold, Ruskin, and Meredith. Prerequisite: English 204. *Five class hours a week. Winter quarter. Credit, five quarter hours.*

306 CONTEMPORARY PROSE AND POETRY (FORMERLY 304). A survey of new personalities and their literary contributions in the fields of prose and poetry; of the new school of creative design, radical and conservative; of current ideas, patterns, moods, symbols, manners, and diction. Prerequisite: English 204. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

308 PHONETICS. Analytical study of the sounds of American English; a survey of modern American pronunciation. Practice in phonetic transcription for distinctness of utterance, correctness of diction, and the elimination of the faults common to certain regions of the country. Prerequisite: English 103. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

309 HISTORY OF THE ENGLISH LANGUAGE. A comprehensive survey of the development of the native linguistic element in English, its modifications by external influences, the conditions under which its content gradually accumulated and broadened in sounds, vocabulary, syntax, and meaning—until it as-

sumed its present structural form. Consent of instructor. *Five class hours a week. Fall quarter. Credit, five quarter hours.*

400 METHODS OF TEACHING ENGLISH IN THE SECONDARY SCHOOL (See Education 400).

402 PROSE AND POETRY BY NEGRO AUTHORS. A survey of the literary contributions of the American Negro from Wheatley and Douglass to Wright and Yerby. Poetic devices employed in their imaginative writings, methods of handling narration. The development of philosophical thought as shown in the various types of prose writing. Consent of instructor. *Five class hours a week. Winter quarter. Credit, five quarter hours.*

403 DRAMATIC TECHNIQUES AND PLAYWRITING. An analytical study of dramatic structure and form; technical principles underlying writing a play. Attention to Negro folk lore, history, and life as material for dramatic composition. Consent of instructor. *Five class hours a week. Fall quarter. Credit, five quarter hours.*

406 INTRODUCTION TO THE DRAMA. The rise and development of the drama from Aeschylus to Odets. Study of the aspects of dramatic theory supplemented by detailed analysis of the significant trends, moods, and influences underlying the various types. Reading and discussion of a few great plays for intelligent appraisal and enjoyment of drama as the communication of experience. Consent of instructor. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

405 THE ENGLISH NOVEL. An evaluative study of works of great English novelists. The rise and development of the English novel, together with an analytical appraisal of the four elements—setting, character, plot, and philosophy. Readings and discussion of various types, with emphasis upon the variety of methods by which the novel interprets life. Consent of instructor. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

409 ADVANCED PUBLIC ADDRESS. Designed to show the relation between speaker and audience in formal speech situations; to lead the student to appreciate the necessity of adjusting material and methods to the demands of various public occasions; theory and practice in writing and delivery of short speeches of social courtesy. Prerequisite: English 103. *Five class hours a week. Winter quarter. Credit, five quarter hours.*

FRENCH

101-102 ELEMENTARY FRENCH. A thorough drill in the fundamentals of pronunciation, grammar, translation, elementary composition and conversation. Reading of elementary prose in French 102. *Five class hours a week. Fall. Winter. Spring. Credit, five quarter hours a course each quarter.*

103 ELEMENTARY FRENCH. Continuation of 102. Emphasis on the reading of elementary prose. Prerequisite: French 102 or equivalent. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

201-202-203 INTERMEDIATE FRENCH. Intended for students who will not continue the study of French beyond the intermediate level. Consecutive courses to develop fundamentals and reading ability: review of grammar, reading of moderately difficult prose, conversation and practice in oral and written composition. Prerequisite: French 103 or two years of high school French. *Five class hours a week. Fall, winter, and spring quarters. Credit, five quarter hours each quarter.*

DEPARTMENT OF MATHEMATICS AND PHYSICS

JOHN B. CLEMMONS, *Acting Chairman*, Mathematics

SYLVIA E. BOWEN MURIEL C. KING MARTHA WILSON*

JAMES E. PARKER, Physics

The aims of the Department of Mathematics and Physics are: (1) to offer all students an opportunity for acquiring those basic skills which are needed for successful living, together with an appreciation of the contributions of these sciences to the cultural heritage; (2) to equip students in agriculture, the trades, home economics, et cetera, with the means of developing logical thought procedures and insight into physical laws—all of which constitute essential tools in the several fields; (3) to provide training through advanced courses for students preparing to undertake the study of medicine and those planning to enter graduate school; (4) to assure adequate preparation in both content and instructional skills for prospective teachers in the secondary school.

PROGRAMS FOR MATHEMATICS MAJORS

Students who expect to teach mathematics in the secondary school should enroll in curriculum I. Students who desire to major in mathematics but do not intend to teach should enroll in curriculum II. All students majoring in mathematics are required to complete a minor, preferably in physics or some other natural science. Students enrolled in curriculum I will complete 40 quarter hours in mathematics above Mathematics 107; students enrolled in curriculum II will complete 45 quarter hours in mathematics above Mathematics 107. Thirty quarter hours, including Mathematics 308, will constitute a minor in mathematics.

MATHEMATICS CURRICULUM I**

FRESHMAN		Quarter Hours Credit		
Course	Descriptive Title	Fall	Winter	Spring
Eng. 101-102	Freshman Composition	5	5	
Eng. 103	The Elements of Oral Expression			5
Math. 107	Intermediate Algebra	5		
Math. 200	Trigonometry		5	
Math. 201	College Algebra			5
P. Ed. 100-101-102	Freshman Gymnasium	(1)	(1)	(1)
Soc. Sc. 101-102	Social Science Survey	5	5	
Soc. Sc. 204	Contemporary Georgia			5
		<hr/> 15	<hr/> 15	<hr/> 15

*On leave, 1948-1949.

**For persons who plan to teach in the secondary school.

SOPHOMORE

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Art 201	Introduction to Art			1
Bio. 101-102	Human Biology	5	5	
Ec. 201	Principles of Economics		5	
Ed. 201	Orientation in Education	5		
Eng. 204	Advanced Composition			4
Math. 209	Plane Analytic Geometry			5
Physics 201-202	General Physics	6	6	
P. Ed. 200-201-202	Sophomore Gymnasium	(1)	(1)	(1)
Psy. 201	General Psychology			5
		<u>16</u>	<u>16</u>	<u>15</u>

JUNIOR

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Ed. 303	The School and the Social Order	5		
Ed. 404	Fundamentals of Curriculum Building			5
Math. 303	Solid Analytic Geometry		5	
Math. 307	Differential Calculus	5		
Math. 308	Integral Calculus		5	
Math. 309	Advanced Calculus			5
Minor		<u>5(6)</u>	<u>5(6)</u>	<u>5(6)</u>
		15(16)	15(16)	15(16)

SENIOR

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Ed. 306	Methods of Teaching in the Secondary School	5		
Ed. 411	The Teaching of Mathematics in the Secondary School		5	
Ed. 432	Psychology of Adolescence	5		
Ed. 441	Directed Student Teaching in Secondary School			10
Math. 403	Theory of Equations			
or				
Math. 404	Differential Equations		5	
Minor or elective		<u>5(6)</u>	<u>5(6)</u>	<u>5</u>
		15(16)	15(16)	15

MATHEMATICS CURRICULUM II**

SOPHOMORE

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Art 201	Introduction to Art	1		
Ec. 201	Principles of Economics		5	
Eng. 204	Advanced Composition	4		
French 101-102-103	Elementary French	5	5	5
Math. 209	Plane Analytic Geometry			5
P. Ed. 200-201-202	Sophomore Gymnasium	(1)	(1)	(1)
Physics 201-202	General Physics	6	6	
Psy. 201	General Psychology			5
		<u>16</u>	<u>16</u>	<u>15</u>

JUNIOR

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Math. 303	Solid Analytic Geometry		5	
Math. 307	Differential Calculus	5		
Math. 308	Integral Calculus		5	
Math. 309	Advanced Calculus			5
Elective & Minor		10	5	10
		<u>15</u>	<u>15</u>	<u>15</u>

SENIOR

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Math. 403	Theory of Equations		5	
Math. 404	Differential Equations			5
Elective & minor		15	10	10
		<u>15</u>	<u>15</u>	<u>15</u>

THE PROGRAM FOR A MINOR IN PHYSICS

The Department of Mathematics and Physics offers, at present, a minor in physics, for which the minimum requirement is twenty-four to twenty-six quarter hours. It is preferable that the physics minor be taken in combination with a major requiring at least 10 quarter hours of chemistry, 5 quarter hours of college algebra, 5 quarter hours of trigonometry and 10 quarter hours of differential and integral calculus. The minor should begin with Physics 201. Credit earned in Physical Science 101-102, Physics 103, 204 is not counted toward a minor in physics.

**For persons who do not plan to teach. Courses for the freshman year are the same as in the foregoing curriculum.

DESCRIPTION OF COURSES

MATHEMATICS

99 REMEDIAL MATHEMATICS. A review of the fundamentals of arithmetic and algebra for students who fail in the entrance examination in mathematics. *Five class hours a week. Fall. Winter. Spring. No credit.*

101 FUNCTIONAL MATHEMATICS. A survey of the functional aspects of mathematics in the area of finance, statistical computation, and indirect measurement—with a brief review of the fundamentals of algebra. *Five class hours a week. Fall. Winter. Spring. Credit, five quarter hours.*

103 MATHEMATICS FOR BUSINESS STUDENTS. Selected topics pertinent to the field of business: payrolls and balance sheets, annuities, stocks and bonds, and insurance. Required of business majors. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

105 SOLID GEOMETRY. Topics in three dimensional geometry: polyhedrons, cylinders, cones, and spheres. *Students who present entrance credit in solid geometry may not enroll in this course for credit. Five class hours a week. Fall quarter. Credit, five quarter hours.*

107 INTERMEDIATE ALGEBRA. A study of operations involving algebraic fractions, exponents, radicals, solution of linear, quadratic, and simultaneous equations. Open to students presenting less than two units in high school algebra. *Five class hours a week. Fall quarter. Credit, five quarter hours.*

200 TRIGONOMETRY. The solution of triangles, identities, and trigonometric equations through the use of the fundamental formulae of trigonometry. Logarithmic computation is emphasized. Prerequisite: Mathematics 107 or equivalent. *Five class hours a week. Winter quarter. Credit, five quarter hours.*

201 COLLEGE ALGEBRA. A review of exponents and radicals—if necessary. Binomial Theorem, progressions, permutations, combinations, probability and infinite series. Prerequisite: Mathematics 107 or equivalent. *Five class hours a week. Fall. Spring. Credit, five quarter hours.*

209 PLANE ANALYTIC GEOMETRY (Formerly 302). A study of coordinate systems of two dimensions, projections, the straight line, loci, and conic sections. Prerequisite: Mathematics 200, 201. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

303 SOLID ANALYTIC GEOMETRY. A treatment of analytic geometry of three dimensions including lines, planes, and quadric surfaces. Prerequisite: Mathematics 209. *Five class hours a week. Winter quarter. Credit, five quarter hours.*

307 DIFFERENTIAL CALCULUS (Formerly 400). Prerequisite: Mathematics 209. *Five class hours a week. Fall quarter. Credit, five quarter hours.*

308 INTEGRAL CALCULUS (Formerly 401). Prerequisite: Mathematics 209. *Five class hours a week. Winter quarter. Credit, five quarter hours.*

309 ADVANCED CALCULUS (Formerly 402). Prerequisite: Mathematics 209. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

403 THEORY OF EQUATIONS. An extended treatment of the solution of algebraic equations of higher degree than the second, including equations in more than one variable and determinants. Prerequisite: Mathematics 307. *Five class hours a week. Spring quarter. Credit, five quarter hours. (Given in 1949 and alternate years).*

404 DIFFERENTIAL EQUATIONS. Methods of solution of ordinary differential equations and their applications in various fields. Prerequisite: Mathematics 308. *Five class hours a week. Spring quarter. Credit, five quarter hours. (Given in 1950 and in alternate years).*

406 ELEMENTS OF STATISTICS. The calculation and interpretation of statistical measures used in the analysis of data in the fields of industry, economics, psychology, biology, and sociology. No prerequisite. *Five class hours a week. Fall quarter. Credit, five quarter hours.*

PHYSICAL SCIENCE SURVEY*

101 PHYSICAL SCIENCE SURVEY. Of astronomy, physics, chemistry, and geology: their contributions and values in our civilization. *Five class hours a week. Fall. Spring. Credit, five quarter hours.*

102 PHYSICAL SCIENCE SURVEY. A continuation of the foregoing course. *Five class hours a week. Fall. Winter. Spring. Credit, five quarter hours.*

PHYSICS

103 PHYSICS FOR STUDENTS OF AGRICULTURE. A short course in general physics. Topics relating to agriculture stressed. Laboratory fee, \$1.00. *Three class hours and two two-hour laboratory periods a week. Spring quarter. Credit, five quarter hours.*

201 GENERAL PHYSICS. Includes mechanics, heat and sound. Prerequisite: five hours of college mathematics or two years of algebra and geometry. Laboratory fee, \$1.00. *Three class hours and two or three two-hour laboratory periods a week. Full quarter. Credit, five or six hours.*

202 GENERAL PHYSICS. Magnetism, electricity, and light are investigated. Prerequisite: as for Physics 201. Laboratory fee, \$1.00. *Three class hours and two or three two-hour laboratory periods a week. Winter quarter. Credit, five or six hours.*

304 PHYSICS FOR STUDENTS OF HOME ECONOMICS. Laboratory fee, \$1.00. *Three class hours and two two-hour laboratory periods a week. Spring quarter. Credit, five quarter hours.*

306 ADVANCED MECHANICS AND HEAT**. Laboratory fee, \$1.00. *Two class hours and two two-hour laboratory periods a week. Fall quarter. Credit, four quarter hours.*

307 ILLUMINATION AND OPTICS**. Laboratory fee, \$1.00. *Two class hours and two two-hour laboratory periods a week. Winter quarter. Credit, four quarter hours.*

308 MAGNETIC AND ELECTRICAL MEASUREMENTS**. Laboratory fee, \$1.00. *Two class hours and two two-hour laboratory periods a week. Spring quarter. Credit, four quarter hours.*

309 ELECTRONICS**. Laboratory fee, \$1.00. *Two class hours and two two-hour laboratory periods a week. Spring quarter. Credit, four quarter hours.*

400 MODERN PHYSICS. Recent advances in atomic and nuclear physics. Prerequisite: Calculus, six to ten quarter hours; advanced physics, four or more quarter hours. *Three class hours a week. Fall quarter. Credit, three quarter hours.*

*The physical science survey courses are required of all freshmen, except those planning to major in agriculture, home economics, industrial arts, industrial education, or one of the natural sciences.

**Courses 306, 307, 308, and 309 provide more extensive investigations in the various areas of physics. Mathematics requirements for these courses are: five hours of college algebra and five hours of trigonometry. Calculus may be used but is not required.

DEPARTMENT OF HEALTH AND PHYSICAL EDUCATION

THEODORE A. WRIGHT, *Chairman*

ALBERT E. FRAZIER

JOHN H. MARTIN

GERALDINE T. HOOPER

ELLA W. WEBB

The essential aim of the Department of Health and Physical Education is to afford professional training for pre-service and in-service teachers of health and physical education in the elementary and secondary school. A parallel aim is advisement. On the basis of clearly defined criteria, the department encourages potentially qualified students to undertake professional training in this field. Those who appear less well qualified are guided away from the field. A third aim is to provide for all students instruction in the basic principles of health and recreational activity needed for wholesome living.

PHYSICAL EDUCATION REQUIREMENT FOR FRESHMEN AND SOPHOMORES*

All freshmen and sophomores are required to attend gymnasium classes two hours each week, the satisfactory completion of this work being a prerequisite for graduation. With the consent of the Athletic Director, boxing, wrestling, football, basketball, tennis, or track and field sports may be elected by students in place of gymnasium classes. But this privilege is granted only to those who are regular in attendance at squad practice and only during the season of the sport in which they are participating. **ALL STUDENTS MUST WEAR THE REGULATION UNIFORM AT EACH MEETING OF THE CLASS, OR CREDIT WILL NOT BE GIVEN.**

GENERAL REQUIREMENTS FOR GRADUATION

A minimum of 194 quarter hours, excluding physical education activity, are required for the degree of Bachelor of Science with a major in physical education. These are distributed as follows:

General Education, 68 quarter hours:

Art & English	25 hours
Biology	10 hours
Health & physical education	13 hours
Mathematics	5 hours
Social sciences	5 hours
Physical education activity	6 hours
Elective	10 hours
Professional education,	35 quarter hours
Special education	
(Health & physical education major)	51 hours
Senior elective	40 hours

*Conditions for exemption are stated in item 9, under **Special Regulations Governing Registration.**

PHYSICAL EDUCATION CURRICULUM

FRESHMAN

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Bio. 101-102	Human Biology	5	5	
Eng. 101-102	Freshman Composition	5	5	
Eng. 103	The Elements of Oral Expression			5
H. Ed. 104	Principles of Health Education		3	
H. Ed. 105	First Aid and Injuries	2		
H. Ed. 107	Personal Hygiene	3		
Math. 101	Functional Mathematics			5
P. Ed. 100-101-102	Freshman Gymnasium	(1)	(1)	(1)
P. Ed. 106	History of Physical Education		3	
P. Ed. 108	Introduction to Physical Education			5
		—	—	—
		15	16	15

SOPHOMORE

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Art 201-202	Introduction to Art	1	1	
Ec. 201	Principles of Economics			5
Ed. 201	Orientation in Education	5		
Eng. 202	Introduction to English Literature	4		
Eng. 203	Survey of American Literature		4	
H. Ed. 206	Elementary Hygiene		3	
H. Ed. 208	Community Hygiene			3
P. Ed. 200 201-202	Sophomore Gymnasium	(1)	(1)	(1)
P. Ed. 204	Intramural Athletics		5	
P. Ed. 205	Recent Trends in P. Ed. in the Elem. School	3		
P. Ed. 207	Community Play	3		
P. Ed. 210	Principles of Physical Education			5
Elective			5	5
		—	—	—
		16	18	18

JUNIOR

Course	Descriptive Title	Quarter Hours Credit		
		Fall	Winter	Spring
Ed. 303*	The School and the Social Order	5		
Ed. 306	Methods of Teaching in the Secondary School			5
Ed. 404	Fundamentals of Curriculum Bldg.		5	
P. Ed. 300	School Programs in Physical Education	5		
P. Ed. 302	Elementary Mass Activity		3	
P. Ed. 303	Theory of Coaching			3
P. Ed. 304	Applied Anatomy and Physiology		5	
P. Ed. 305	Corrective Physical Education	3		
Elective		5	5	7
		—	—	—
		18	18	15

SENIOR

Course	Descriptive Title	Quarter Hours Credit		
		Fall	Winter	Spring
P. Ed. 401	Methods of Physical Education	5		
P. Ed. 402	Directed Student Teaching in Health & Physical Education		10	
P. Ed. 404	Seminar		5	
P. Ed. 405	Organization and Administration of Physical Education			5
Elective		10		10
		—	—	—
		15	15	15

DESCRIPTION OF COURSES

HEALTH EDUCATION

104 PRINCIPLES OF HEALTH EDUCATION. The fundamental purpose of all health education is to equip the child with sufficient knowledge about health, favorable attitudes toward health, and worthy ideals of health to establish health habits that will lead to a more stable life, physically, mentally, and emotionally. *Three class hours a week. Winter quarter. Credit, three quarter hours.*

105 FIRST AID AND INJURIES (Formerly P. Ed. 133). Standard and Advanced Courses. *Auspices of First Aid Service, American National Red Cross. Two class hours and two one-hour laboratory periods a week. Fall quarter. Credit, two quarter hours.*

107 PERSONAL HYGIENE. Scientific health facts pertaining to the individual, the community, and the next generation that will enable one to live

*Or Education 432.

successfully with himself and his neighbors. *Three class hours a week. Fall quarter. Credit, three quarter hours.*

206 ELEMENTARY HYGIENE. Introductory health and hygiene affording the student opportunity to supplement and organize his health knowledge for immediate and future use. *Three class hours a week. Winter Quarter. Credit, three quarter hours.*

208 COMMUNITY HYGIENE. Prevention and control of communicable diseases; control of food and water supply; waste disposal; ventilation, heating and lighting; public health administration; child, school and industrial hygiene. *Three class hours a week. Spring quarter. Credit, three quarter hours.*

PHYSICAL EDUCATION

M100-101-102 FRESHMAN GYMNASIUM. Required of freshman men. *Two class hours a week. Fall, winter, spring quarters. Credit, (1) quarter hour each quarter.*

W100-101-102 FRESHMAN GYMNASIUM. Required of freshman women. *Two class hours a week. Fall, winter, spring quarters. Credit, (1) quarter hour each quarter.*

106 HISTORY OF PHYSICAL EDUCATION. For those beginning the professional study of physical education: the different stages and phases through which physical education has passed, persons who have contributed to it advancement and who will lead to deeper and more general appreciation of the place which physical education should win and hold in general education. *Three class hours a week. Winter quarter. Credit, three quarter hours.*

108 INTRODUCTION TO PHYSICAL EDUCATION. The philosophy and principles underlying best modern practices in education, together with the scientific principles which form the foundation of the physical education profession. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

M200-201-202 SOPHOMORE GYMNASIUM. Required of sophomore men. *Two class hours a week. Fall, winter, spring quarters. Credit, (1) quarter each quarter.*

W200-201-202 SOPHOMORE GYMNASIUM. Required of sophomore women. *Two class hours a week. Fall, winter, spring quarters. Credit, (1) quarter hour each quarter.*

204 INTRAMURAL ATHLETICS. Problems peculiar to intramurals: organization, motivation, desirable activities, schedules, reports, and awards. *Five class hours a week. Winter quarter. Credit, five quarter hours.*

205 RECENT TRENDS IN PHYSICAL EDUCATION IN THE ELEMENTARY SCHOOL. Presenting the organization, techniques, and activities recommended for the elementary school physical education program, with special emphasis on problems of the elementary school teacher. *Three class hours a week. Fall quarter. Credit, three quarter hours.*

207 COMMUNITY PLAY. A historical background of the present play movement; the theoretical explanation of play; the need for play in modern life, and its place in education; and the administration and organization of play. *Three class hours a week. Fall quarter. Credit, three quarter hours.*

209 SCHOOL HEALTH AND PHYSICAL EDUCATION. Important activities which constitute a well-balanced school health program as related to physical education. *Three class hours a week. Credit, three quarter hours.*

210 PRINCIPLES OF PHYSICAL EDUCATION. Physical education in relation to life needs, and in relation to the general problems of all education. An educational activity should be under proper hygienic conditions and precautions, and conversant with the needs of men and women for education in

living in this modern world. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

300 SCHOOL PROGRAMS IN PHYSICAL EDUCATION. Designed to assist the teacher in physical education, and to arrange a series of class lessons for the entire year comprising a program of activities that is seasonal, progressive, safe, and interesting. Methods, techniques, qualifications, growth, and development, and value of various forms of physical activities. Material for the elementary and the secondary school. *Five class hours a week. Fall quarter. Credit, five quarter hours.*

302 ELEMENTARY MASS ACTIVITY. Explanation and grouping of simple games, stunts, self-testing activities, and rhythms that fit the needs of the elementary school child. *Three class hours a week. Winter quarter. Credit, three quarter hours.*

303 THEORY OF COACHING. Theory and psychology of coaching the major and minor sports and activities. *Three class hours a week. Spring quarter. Credit, three quarter hours.*

304 APPLIED ANATOMY AND PHYSIOLOGY. Essentials of anatomy and physiology; study of structure as essential to understanding of function; importance of the muscular system and joints; the body as an integrated whole; the erect and moving body; integration and control of the body through its systems; maintaining the metabolism of the body. Practical consideration of some pathological conditions met in everyday life. *Five class hours a week. Winter quarter. Credit, five quarter hours.*

305 CORRECTIVE PHYSICAL EDUCATION. A comprehensive view of the significance of exercise in the educative process and in treatment of abnormal or diseased conditions. *Three class hours a week. Fall quarter. Credit, three quarter hours.*

306 BODY MECHANICS. Introduction, activities, discussion of units by grades, and suggested lesson plans for ordinary school situations and varying age groups. *Three class hours a week. Spring quarter. Credit, three quarter hours.*

401 METHODS OF PHYSICAL EDUCATION. The methodology of teaching physical education is applied in a wide variety of situations, with practical suggestions on teaching gymnastics, dancing, and athletics. *Five class hours a week. Fall quarter. Credit, five quarter hours.*

402 DIRECTED STUDENT TEACHING IN HEALTH AND PHYSICAL EDUCATION. Required of all physical education majors. Competent supervision in the various phases of physical education and athletics. The students are assigned schools where they instruct pupils in physical education classes, coach organized athletic teams, organize and administer inter-school leagues and tournaments. *Four class and conference hours and twelve hours directed student teaching a week. Winter quarter. Credit, ten quarter hours.*

403 TESTS AND MEASUREMENTS IN PHYSICAL EDUCATION. Testing and measuring the student's work. The literature of the field. Presentation of results in clear and usable form. *Three class hours a week. Fall quarter. Credit, three quarter hours.*

404 SEMINAR. Required of physical education majors concurrently with 402 Directed Student Teaching. *Five class hours a week. Winter quarter. Credit, five quarter hours.*

405 ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION. The basic principles in organizing programs, state and legal aspects, the design of school, medical problems, maintenance of athletic equipment, motivating interest by publicity programs, budgeting and financing the work, equipping and managing the office. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

DEPARTMENT OF SOCIAL SCIENCES

W. E. GRIFFIN, *Acting Chairman*

ERNEST W. ARMSTRONG, SR.

JOAN L. GORDON

BLANTON E. BLACK

WILLIAM J. HOLLOWAY

AMJOGOLLO E. PEACOCK

Good citizenship is the supreme goal of the social sciences. To be able citizens, students should have knowledge of human and cultural backgrounds and relationships. This essential knowledge comes through study of history, economics, sociology, political science, and other social sciences.

The Department of Social Sciences contributes to the realization of good citizenship by fostering three aims of higher education: (1) by assisting students to attain those competencies and attitudes essential to all persons in a world of interdependent relationships; (2) by preparing students for advanced study in fields such as social work, economics, and history; (3) by preparing students for teaching the social studies in the secondary school.

THE CHOICE OF A MAJOR

In conformance with the foregoing aims, this department provides two curricula, each of which leads to the B. S. degree with a major in social sciences. Curriculum I is intended for persons who plan to teach social studies in the secondary school. Curriculum II is designed for those who definitely do not wish to qualify for a certificate to teach in the secondary school, but who plan to enter graduate or professional training in the law, social work, or public service. Students are cautioned that they should exercise great care in deciding which curriculum to follow. In any event, both social sciences majors and others who consider transferring to this field should consult the chairman of the Department of Social Sciences before making a decision.

GENERAL REQUIREMENTS FOR GRADUATION

A minimum of 180 quarter hours, exclusive of physical education activity, are required for the degree of Bachelor of Science with a major in social sciences. The requirements are distributed as follows: General education, 80 quarter hours

Art	3 hours
English	27 hours
Mathematics	5 hours
Natural science	20 hours
Physical education	6 hours
Social sciences	25 hours
Social sciences (major),	55-60 hours
Professional education,	35 hours
and/or elective	5-40 hours

SOCIAL SCIENCES CURRICULUM I*

FRESHMAN

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Bio. 101-102	Human Biology	5	5	
Eng. 101-102	Freshman Composition	5	5	
Eng. 103	Elements of Oral Expression			5
Math. 101	Functional Mathematics			5
P. Ed. 100-101-102	Freshman Gymnasium	(1)	(1)	(1)
P. Sc. 101	Physical Science Survey			5
Soc. Sc. 101-102	Social Science Survey	5	5	
		<u>15</u>	<u>15</u>	<u>15</u>

SOPHOMORE

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Art 201-202-203	Introduction to Art	1	1	1
Ec. 201	Principles of Economics		5	
Ed. 201	Orientation in Education			5
Eng. 202	Introduction to English Literature	4		
Eng. 203	Survey of American Literature		4	
Eng. 204	Advanced Composition			4
P. Ed. 200-201-202	Sophomore Gymnasium	(1)	(1)	(1)
P. Sc. 102	Physical Science Survey	5		
Psy. 201	General Psychology		5	
Soc. Sc. 204	Contemporary Georgia			5
Soc. 301	Introduction to Sociology	5		
		<u>15</u>	<u>15</u>	<u>15</u>

JUNIOR

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Ec. 303	Applied Economics			5
Ed. 302	Educational Psychology		5	
Ed. 303	The School and the Social Order	5		
Hist. 308	Negro History			5
Pol. Sc. 309	American Government		5	
Pol. Sc. 310	State Government			5
Soc. 302	History of Social Thought		5	
Soc. 451	Modern Social Problems	5		
Elective		5		
		<u>15</u>	<u>15</u>	<u>15</u>

*For persons who plan to teach social studies in the secondary school.

SENIOR

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Ec. 401	Labor Problems		5	
Ed. 306	Methods of Teaching in the Secondary School	5		
Ed. 415	Materials and Methods of Teaching Social Sciences in the Secondary School			5
Ed. 441	Directed Student Teaching of Social Sciences in the Secondary School			10
Geog. 301	Principles of Geography	5		
Hist. 403	English History		5	
Pol. Sc. 300	Elements of Political Science	5		
Elective			5	
		<hr/> 15	<hr/> 15	<hr/> 15

SOCIAL SCIENCES CURRICULUM II**

SOPHOMORE

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Art 201-202-203	Introduction to Art	1	1	1
Ec. 201	Principles of Economics		5	
Ec. 303	Applied Economics			5
Eng. 202	Introduction to English Literature	4		
Eng. 203	Survey of American Literature		4	
Eng. 204	Advanced Composition			4
P. Ed. 200-201-202	Sophomore Gymnasium	(1)	(1)	(1)
P. Sc. 102	Physical Science Survey	5		
Psy. 201	General Psychology		5	
Soc. Sc. 204	Contemporary Georgia			5
Soc. 301	Introduction to Sociology	5		
		<hr/> 15	<hr/> 15	<hr/> 15

**For persons who do not plan to teach in the secondary school, but who, instead, will enter graduate or professional school to study law or social work, et cetera. Courses for the freshman year are the same as in the foregoing curriculum.

JUNIOR

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Hist. 305	History of the U. S. through the Civil War	5		
Hist. 308	Negro History			5
Pol. Sc. 309	American Government		5	
Pol. Sc. 310	State Government			5
Soc. 302	History of Social Thought		5	
Soc. 451	Modern Social Problems	5		
Elective		5	5	5
		—	—	—
		15	15	15

SENIOR

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Ec. 401	Labor Problems		5	
Geog. 301	Principles of Geography	5		
Hist. 403	English History		5	
Pol. Sc. 300	Elements of Political Science	5		
Elective		5	5	15
		—	—	—
		15	15	15

DESCRIPTION OF COURSES

ECONOMICS

201 PRINCIPLES OF ECONOMICS. An introductory course in the fundamental principles and problems of modern society: production; the modern exchange system; value and price; wages; interest and profits. *Five class hours a week. Winter quarter. Credit, five quarter hours.*

302 CURRENT ECONOMIC PROBLEMS. Current problems in both economic organization and economic theory. Consideration given to changes in production, consumption, labor organization, and wage theory; taxation, business organization, and the extension of governmental direction and control of industry. *Five class hours a week. Fall quarter. Credit, five quarter hours.*

303 APPLIED ECONOMICS. Principles of economics applied to consumption, production, labor, exchange, monopolies, transportation, public finance, et cetera. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

401 LABOR PROBLEMS. An appraisal of problems confronting labor and capital, as well as legislation and administrative regulations affecting

employer and employees. *Five class hours a week. Winter quarter. Credit, five quarter hours.*

402 RECENT LABOR LEGISLATION. Protective legislation dealing with wages, hours, child labor, old-age benefits, accident and unemployment compensation, and legal status of trade unions. *Five class hours a week. Credit, five quarter hours.*

403 PUBLIC FINANCE. A study of the effects of taxation upon the economic system; public borrowing and public spending with reference to the present financial system of the United States. *Five class hours a week. Credit, five quarter hours.*

GEOGRAPHY

301 PRINCIPLES OF GEOGRAPHY. Man and environment. The influence of environmental factors, physical as well as cultural, on the social and economic development of man. Factors affecting the population pattern. Elements of the physical environment. Occupational patterns. Trade and industry. *Five class hours a week. Fall quarter. Credit, five quarter hours.*

HISTORY

305 HISTORY OF THE UNITED STATES THROUGH THE CIVIL WAR. Beginning with a brief reference to the European background of American culture, major events and developments of the United States from 1492 to 1865. *Five class hours a week. Fall quarter. Credit, five quarter hours.*

306 HISTORY OF THE UNITED STATES FROM THE CIVIL WAR TO THE PRESENT. Beginning with the Reconstruction Period, major political, social and international developments and problems of the United States to the present. *Five class hours a week. Winter quarter. Credit, five quarter hours.*

308 NEGRO HISTORY. Designed to acquaint the student with the African background of the American Negro. Emphasizes the life and history of the Negro in the United States. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

403 HISTORY OF ENGLAND. A survey of political, social, and economic developments in England from Celtic times to the present. Emphasis on the evolution of the British Empire and the ascendancy of England in world affairs. Present trend toward socialism, contemporary domestic problems. *Five class hours a week. Winter quarter. Credit, five quarter hours.*

405 ECONOMIC HISTORY OF EUROPE (Formerly History 407). This course deals with the industrial revolution, transportation, money and banking, industrial and commercial activities; tariff policies; agricultural systems; labor; monopoly and big business; colonial ambitions and policy; current development. *Five class hours a week. Fall quarter. Credit, five quarter hours.*

406 ECONOMIC HISTORY OF THE UNITED STATES (Formerly 408). The development of agriculture, industry, commerce, transportation from colonial times to the present; problems raised by economic evolution in the United States. *Five class hours a week. Credit, five quarter hours.*

410 LATIN AMERICAN HISTORY (Formerly 410 History of Hispanic America). History of the Latin American republics. Rise and decline of Portuguese and Spanish empires in the New World. The achievement of independence. Political and economic problems of the West Indies. International relations. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

431 HISTORY OF EUROPE FROM THE MIDDLE AGES TO 1814. The Renaissance and the Reformation through the Napoleonic Period. The Revival of Learning; the development of art; discovery and exploration. The beginnings of Protestantism, Catholic Counter Reformation. Assigned reading.

Presupposes a course in the history of contemporary civilization. *Five class hours a week. Winter quarter. Credit, five quarter hours.*

432 HISTORY OF EUROPE FROM 1815 TO THE PRESENT. A detailed study of political, social, and economic developments in the principal countries of Western Europe from the Congress of Vienna to the present. *Five class hours a week. Credit, five quarter hours.*

PHILOSOPHY

312 INTRODUCTION TO PHILOSOPHY. Designed to provide an orientation in philosophy for students who have had no previous work in the field: the meaning of philosophy; the nature of the universe; the problem of values in the critical examination of experience. *Three class hours a week. Fall quarter. Credit, three quarter hours.*

POLITICAL SCIENCE

300 ELEMENTS OF POLITICAL SCIENCE. An elementary study of the various concepts in political science, including the nature of the state, essential elements of the state, the origin of the state, forms of government, sovereignty, and separation of powers. *Five class hours a week. Fall quarter. Credit, five quarter hours.*

309 AMERICAN GOVERNMENT. A survey of the American political system: origins, functions, and organization of the national government. Current governmental problems are emphasized. *Five class hours a week. Winter quarter. Credit, five quarter hours.*

310 STATE GOVERNMENT. A survey of the nature, organization, and problems of the state and local government and administration in the United States. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

311 COMPARATIVE GOVERNMENT. A comparative study of European and American governments with regard to structure, powers, functions, administration, and problems. *Five class hours a week. Credit, five quarter hours.*

312 AMERICAN POLITICAL PARTIES. Historical development of the American party system; the composition, programs, and organization of parties at the present time; the role of political parties in the democratic state. *Five class hours a week. Credit, five quarter hours.*

PSYCHOLOGY

201 GENERAL PSYCHOLOGY. An introduction to the field of psychology, problems of adjustment, learning, intelligence, thinking, and problem solving. *Five class hours a week. Fall. Spring. Credit, five quarter hours.*

SOCIAL SCIENCE

101 SOCIAL SCIENCE SURVEY. Designed to introduce the student to the problems of contemporary society, to find what groups are most affected by these problems; relevant historical data on the rise of these problems and what has been done about them. Contributions of economics, sociology, and political science to an understanding and possible solutions. *Five class hours a week. Fall quarter. Credit, five quarter hours.*

102 SOCIAL SCIENCE SURVEY. A continuation of Social Science 101. *Five class hours a week. Winter quarter. Credit, five quarter hours.*

204 CONTEMPORARY GEORGIA. A discussion and analysis of Georgia's population problems; appraisal of its economic and social well-being; its natural and human resources and economic accomplishments; its problems of governmental organization and support. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

SOCIOLOGY

202 INTRODUCTION TO SOCIAL ANTHROPOLOGY. Provides an insight into the meaning of culture; culture growth and cultural diffusion; studies of selected contemporary non-literate societies; comparison with modern industrialized societies, applications of social anthropology to understanding of modern society. *Five class hours a week. Credit, five quarter hours.*

301 INTRODUCTION TO SOCIOLOGY. An analysis of the development of human group life, the structure of the social environment and its influence upon the individual's behavior. *Five class hours a week. Fall quarter. Credit, five quarter hours.*

302 HISTORY OF SOCIAL THOUGHT. A consideration of the development of sociological theories from classical to modern times, with special emphasis on recent and contemporary theories in Europe and America. *Five class hours a week. Winter quarter. Credit, five quarter hours.*

402 CRIMINOLOGY. Crime and the criminal are considered with reference to individual and environmental factors in crime causation. An examination of contemporary methods of treating the juvenile and the adult offender. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

403 SURAL SOCIOLOGY. Deals with the forces and factors in rural social progress, development and adaptation. Emphasis on rural community life. *Five class hours a week. Winter quarter. Credit, five quarter hours.*

405 THE FAMILY. The role of the family in the development of the individual. Current psychological, economic, social, educational, and ethical problems of marriage and family life. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

409 PROBLEMS OF MINORITY GROUPS. A survey of social and economic problems of minority groups. Emphasizing ideological concepts, antagonisms, persecutions, rivalries, and accommodations of ethnic groups in the United States. *Five class hours a week. Credit, five quarter hours.*

451 MODERN SOCIAL PROBLEMS. Analysis of causes of poverty, disease, crime, family disintegration, and personality maladjustments. Correlation of preventive measures for human problems. *Five class hours a week. Fall quarter. Credit, five quarter hours.*

DIVISION OF HOME ECONOMICS

CHRISTINE H. COLEMAN, *Acting Director*

MARTHA M. AVERY

SARA ANN DIXON

MYNNA R. BROWN

EVELYN HUNTER

The work of the Division of Home Economics is intended to achieve five aims: (1) to enrich the cultural and social backgrounds of students so that they may become more worthy members of the home and community; (2) to provide related training through service courses for persons majoring in fields other than home economics; (3) to prepare students to teach vocational home economics or to work as home demonstration agents; (4) to train persons for employment as owners or managers of restaurants, cafes, tea rooms, and school or college cafeterias; (5) to give students the necessary pre-professional training for employment (upon completion of a year's internship elsewhere) as dieticians in approved hospitals or other institutions.

PLAN OF STUDY

To achieve the foregoing aims, the division offers courses leading to the B. S. degree with majors in home economics education and in foods and nutrition. A variety of courses are provided also in the areas of art, home management and family living, and textiles and clothing. The work of the freshman year is uniform for all home economics majors. Before beginning the sophomore year each student confers with the division director and decides upon a major. For the sophomore, junior, and senior years, the work consists mainly of prescribed courses.

HOME ECONOMICS EDUCATION CURRICULUM

FRESHMAN

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		<i>Fall</i>	<i>Winter</i>	<i>Spring</i>
Art 130	Principles of Art	3		
Bio. 105	General Biology			6
Chem. 101-102	General Inorganic Chemistry	5	5	
Cloth. 152	Textiles and Clothing Selection		5	
Eng. 101-102	Freshman Composition	5	5	
Eng. 103	Elements of Oral Expression			5
H. Ec. Ed. 101	Orientation	3		
Nut. 153	Nutrition			5
P. Ed. 100-101-102	Freshman Gymnasium	(1)	(1)	(1)
		<hr/>	<hr/>	<hr/>
		16	15	16

SOPHOMORE

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Art 234	Advanced Art			4
Bio. 306	General Bacteriology		6	
Cloth. 231	Principles of Clothing	3		
Ec. 201	Principles of Economics			5
Fam. Life 231	Home Nursing	3		
Foods 210-211	Food Selection & Preparation	5	5	
H. Mgmt. 331	Home Planning & Furnishing		5	
Math. 101	Functional Mathematics	5		
P. Ed. 200-201-202	Sophomore Gymnasium	(1)	(1)	(1)
Physics 304	Physics for Students of Home Economics			5
		<hr/> 16	<hr/> 16	<hr/> 14

JUNIOR

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Cloth. 351	Advanced Clothing Construction	5		
Ed. 302	Educational Psychology	5		
Ed. 306	Methods of Teaching in the Secondary School		5	
Ed. 404	Fundamentals of Curriculum Bldg.			5
Foods 332	Meal Planning		3	
Foods 333	Quantity Cookery			3
H. Ec. Ed. 335	Methods in Homemaking Education			5
H. Mgmt. 352	Home Management and Equipment		5	
Hort. 101	General Horticulture		5	
Pol. Sc. 309	American Government	5		
Soc. 301	Introduction to Sociology			5
		<hr/> 15	<hr/> 18	<hr/> 18

SENIOR

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Cloth. 463	Problems in Clothing			3
Fam. Life 350	Family Relations	5		
Fam. Life 351	Child Development & Nurs. Sch. Observation	5		
H. Ec. Ed. 402	Directed Student Teaching of Home Economics in the Secondary School		10	
H. Ec. Ed. 412	Home Economics Seminar		5	
H. Ec. Ed. 433	Problems in Homemaking Education			3
H. Mgmt. 445	Home Management Residence	5		
Elective				9
		<hr/> 15	<hr/> 15	<hr/> 15

FOODS AND NUTRITION CURRICULUM*

SOPHOMORE

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Bio. 306	General Bacteriology		6	
Chem. 103	Qualitative Analysis	6		
Chem. 301-302	Organic Chemistry		6	6
Foods 210-211	Food Selection & Preparation	5	5	
Math. 101	Functional Mathematics	5		
P. Ed. 200-201-202	Sophomore Gymnasium	(1)	(1)	(1)
Physics 304	Physics for Students of Home Economics			5
Psy. 201	General Psychology			5
		<hr/> 16	<hr/> 17	<hr/> 16

JUNIOR

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Bio. 401	General Physiology		6	
Ec. 201	Introduction to Economics			5
Fam. Life 351	Child Development and Nurs. Sch. Observation	5		
Foods 332	Meal Planning		3	
Foods 333	Quantity Cookery			3
H. Mgmt. 252	Housing		5	
H. Mgmt. 352	Home Management and Equipment		5	
Inst. Mgmt. 353	Institution Management & Equipment			5
Nut. 351	Nutrition & Dietetics	5		
Pol. Sc. 309	American Government	5		
Elective				3
		<hr/> 15	<hr/> 19	<hr/> 16

SENIOR

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Cloth. 231	Principles of Clothing	3		
Fam. Life 231	Home Nursing			3
Fam. Life 350	Family Relations		5	
Foods 431	Experimental Cookery	3		
H. Ec. Ed. 461	Methods of Tchg. Nutrition	5		
H. Mgmt. 445	Home Management Residence		5	
Inst. Mgmt. 433	Institution Accounting			4
Nut. 451	Diet Therapy	5		
Nut. 452	Infant & Child Nutrition		5	
Nut. 463	Nutrition Seminar			2
Elective				5
		<hr/> 16	<hr/> 15	<hr/> 14

*Courses for the freshman year are the same as in the foregoing curriculum.

DESCRIPTION OF COURSES

ART

130 PRINCIPLES OF ART. Fundamental principles of art and their practical application in the use of color, line, and form. Emphasis upon recognition and appreciation of beauty in our immediate surroundings. *One class hour and two two-hour laboratory periods a week. Fall quarter. Credit three quarter hours.*

234 ADVANCED ART (Formerly 430 Applied Design). A continuation of basic art: further practice in the application of color to line and form in dress design. Prerequisite: Art 130. *Two class hours and two two-hour laboratory periods a week. Spring quarter. Credit, four quarter hours.*

FAMILY LIFE

231 HOME NURSING (Formerly 412). Training in practical and simplified procedures in care of the ill and accidental injuries in the home. Ways of protecting family health. *Two class hours and one two-hour laboratory period a week. Fall. Spring. Credit, three quarter hours.*

350 FAMILY RELATIONS (Formerly 441). A course designed to acquaint the students with the significance of marriage, the relationships between various members of the family group and the degree to which the interplay of personality within the family group is affected by culturally conditioned attitudes and needs. Prerequisite: Sociology 301. *Five class hours a week. Fall. Winter. Credit, five quarter hours.*

351 CHILD DEVELOPMENT AND NURSERY SCHOOL OBSERVATION. A study of the origin, development and care of the whole child. Observations of the behavior and activities of young children in their homes and nursery school. Analysis of narrative records. *Class hours to be arranged. Fall quarter. Credit, five quarter hours.*

FOODS AND NUTRITION

FOODS

210 FOOD SELECTION AND PREPARATION. Principles of food selection in relation to health. Selection and preparation of commonly used foods. Prerequisite: Nutrition 153. Laboratory fee, \$2.00 (subject to change). *Two class hours and three two-hour laboratory periods a week. Fall quarter. Credit, five quarter hours.*

211 FOOD SELECTION AND PREPARATION. A continuation of the foregoing. Laboratory fee, \$2.50. *Two class hours and three two-hour laboratory periods a week. Winter quarter. Credit, five quarter hours.*

332 MEAL PLANNING. Planning, preparation, and serving attractive meals to the family, according to their nutritive needs—stressing economy of time, energy, and money. Prerequisite: Foods 211. Laboratory fee, \$2.50. *One class hour and two two-hour laboratory periods a week. Winter quarter. Credit, three quarter hours.*

333 QUANTITY COOKERY. Practical experience in planning menus and adjusting recipes for larger groups, together with preparation and service of foods in quantity. Facilities of the College cafeteria used for practice work. Prerequisite: Foods 211. *One class hour and two two-hour laboratory periods. Spring quarter. Credit, three quarter hours.*

431 EXPERIMENTAL COOKERY. Laboratory work in solving practical problems in food preparation and establishing standards for foods. Prerequisite: Chemistry 302 and ten hours of foods. Laboratory fee, \$2.50. *Three two-hour laboratory periods a week. Fall quarter. Credit, three quarter hours.*

NUTRITION

153 NUTRITION. A study of nutritional requirements of the individual and the family. Laboratory fee, \$2.00. *Three class hours and two two-hour laboratory periods a week. Spring quarter. Credit, five quarter hours.*

351 NUTRITION AND DIETETICS. Laboratory fee, \$2.00. *Two class hours and three two-hour laboratory periods a week. Fall quarter. Credit, five quarter hours.*

451 DIET THERAPY. Application of principles of nutrition to diets for illness or other abnormal conditions; planning and preparation of special diets. Prerequisite: Nutrition 351. Laboratory fee, \$2.50. *Two class hours and three two-hour laboratory periods a week. Fall quarter. Credit, five quarter hours.*

452 INFANT AND CHILD NUTRITION. A study of the nutritional needs of the child and the relation of nutrition to physical growth and development. Experiences in preparation and service of dietaries for children in actual family situations, baby clinics, and nursery school. Prerequisite: Family Life 351, Nutrition 153. Laboratory fee, \$2.00. *Three class hours and two two-hour laboratory periods a week. Winter quarter. Credit, five quarter hours.*

461 METHODS OF TEACHING NUTRITION. (See H. Ec. Ed. 461.)

463 NUTRITION SEMINAR. Critical study of historical and current literature on energy metabolism, proteins, fats, carbohydrates, and vitamins. Prerequisite: Foods 351. *Two class hours a week. Spring quarter. Credit, two quarter hours.*

HOME ECONOMICS EDUCATION

101 ORIENTATION. Individual consideration of adjustment to college living; professional opportunities and responsibilities in the field of home economics. Required of freshmen majoring in home economics. *Three class hours a week. Fall quarter. Credit, three quarter hours.*

335 METHODS IN HOMEMAKING EDUCATION (Formerly 401 Materials and Methods of Teaching Home Economics). Materials of the curriculum; methods of teaching homemaking in the secondary school. Preparation for directed student teaching. Prerequisite: Education 302 and consent of instructor. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

402 DIRECTED STUDENT TEACHING OF HOME ECONOMICS IN THE SECONDARY SCHOOL. Teaching under supervision in the vocational homemaking department of a Georgia high school. Students live in the school community during the eight weeks teaching period. Prerequisite: Education 302, 306, 404; Family Life 351; Home Economics Education 101, 335. *Forty-eight conference hours with critic teacher and supervisor of directed teaching, and one hundred and forty-four hours directed student teaching. Winter quarter. Credit, ten quarter hours.*

412 HOME ECONOMICS SEMINAR. Analysis of situations and problems experienced during student teaching and those expected during the beginning years of teaching, with emphasis on curriculum organization. Concurrently with H. Ec. Ed. 402. *Three hours daily for a four-weeks period. Winter quarter. Credit, five quarter hours.*

433 PROBLEMS IN HOMEMAKING EDUCATION. Review of recent trends in family life education in elementary and secondary schools. Methods in organizing adult groups. Requisite: senior status. *Three class hours a week. Spring quarter. Credit, three quarter hours.*

461 METHODS OF TEACHING NUTRITION. Techniques and materials for presenting instruction in nutrition to persons of all age levels. Practical experience in presenting materials provided through work with elementary school

teachers and pupils. Requisite: senior status, consent of instructor. *Five class hours a week. Fall quarter. Credit, five quarter hours.*

HOME MANAGEMENT

252 HOUSING. Five class hours a week. *Winter quarter. Credit, five quarter hours.*

331 HOME PLANNING AND FURNISHING (Formerly Art 331). Planning and furnishing homes suitable to the social, economic, and aesthetic needs of the family. Problems include refinishing furniture, drawing house plans, and selecting suitable furnishings for specific groups. Prerequisite: Art: 130. *Three class hours and two two-hour laboratory periods a week. Winter quarter. Credit, five quarter hours.*

352 HOME MANAGEMENT AND EQUIPMENT. Scientific principles of management, stressing economical use of time and money. Selection, care, and use of household equipment. *Five class hours a week. Winter quarter. Credit, five quarter hours.*

445 HOME MANAGEMENT RESIDENCE. Students live in family size groups in order to develop skill in the management of time, equipment, and other resources. The pattern of living conforms as nearly as possible to that of a normal family. Prerequisite: Home Management 331. *Residence in Practice Cottage one quarter. Fall. Winter. Credit, five quarter hours.*

INSTITUTION MANAGEMENT

353 INSTITUTION MANAGEMENT AND EQUIPMENT. Organization and management of different types of institutions; equipment necessary for various institutions, with reference to materials, construction, installation, and maintenance. *Four class hours and one two-hour laboratory period a week. Spring quarter. Credit, five quarter hours.*

433 INSTITUTION ACCOUNTING. Accounting for commercial and industrial organizations, with special emphasis on food cost control. Prerequisite: Institution Management 353. *Four class hours a week. Spring quarter. Credit, four quarter hours.*

TEXTILES AND CLOTHING

152 TEXTILES AND CLOTHING SELECTION. Problems in clothing selection, emphasis on costs for individual and family. Application of art principles to textiles and clothing. Laboratory fee, \$0.50. *Two class hours and three two-hour periods a week. Winter quarter. Credit, five quarter hours.*

231 PRINCIPLES OF CLOTHING. Use of commercial patterns and fundamental processes in garment construction. Prerequisite: Textiles and Clothing 152. Laboratory fee, \$1.00. *Three two-hour laboratory periods a week. Fall quarter. Credit, three quarter hours.*

351 ADVANCED CLOTHING CONSTRUCTION (Formerly Clothing 302). Advanced problems in clothing construction, including some tailoring and selected dress construction. Prerequisite: Clothing 231. Laboratory fee, \$1.00. *One class hour and four two-hour laboratory periods a week. Fall quarter. Credit, five quarter hours.*

463 PROBLEMS IN CLOTHING. *One class hour and two two-hour laboratory periods a week. Spring quarter. Credit, three quarter hours.*

DIVISION OF TRADES AND INDUSTRIES

W. B. NELSON, *Director*

The purpose of the Division of Trades and Industries is to train men for employment: (1) as mechanics and technicians in the several skilled trades and in industry; (2) as teachers of vocational subjects and industrial arts in the secondary school; (3) as construction foremen and contractors.

CURRICULA

To achieve the foregoing, this division offers two types of curricula. For persons who want special terminal preparation that will fit them for employability in a trade or in industry, a special course is provided in each of the following:

- Automobile Overhaul and Repair
- Automotive Body and Fender Repair
- Electrical Maintenance and Installation
- General Woodworking and Carpentry
- Machine Shop Practice
- Masonry
- Painting and Decorating
- Radio Repairing
- Shoe Repair

Upon satisfactory completion of one of these courses, a person is granted a certificate of proficiency.

For those who desire to qualify as teachers of vocational subjects or industrial arts, or as technicians, skilled tradesmen, and contractors, this division offers specialized training leading to the degree of Bachelor of Science. The student may choose a major in industrial arts, in industrial education, or in trade and industrial education. A person majoring in industrial education will at the same time complete a concentration in either building construction or general shop.

To earn the B. S. degree in this division, a student must satisfactorily complete considerable practical work in a trade. For example, the industrial arts major devotes nearly a third of his time to trade training (shop practice) throughout eleven quarters, being generally limited, however, to three courses in any one trade. Each major in trades and industries normally takes drafting concurrently with the trade work.

INDUSTRIAL ARTS CURRICULUM

FRESHMAN

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Eng. 101-102	Freshman Composition	5	5	
Eng. 103	Elements of Oral Expression			5
Math. 107	Intermediate Algebra	5		
Math. 200	Trigonometry		5	
Math. 201	College Algebra			5
M. & A. Dr. 101	Instruments and Materials	3		
M. & A. Dr. 102	Mechanical Drawing		3	
M. & A. Dr. 103	Construction Drawing			3
P. Ed. 100-101-102	Freshman Gymnasium	(1)	(1)	(1)
101-102-103	Shop Practice	3	3	3
		<hr/>	<hr/>	<hr/>
		16	16	16

SOPHOMORE

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Art 201-202-203	Introduction to Art	1	1	1
Chem. 101-102	General Inorganic Chemistry	5	5	
Eng. 202	Introduction to English Literature	4		
Eng. 203	Survey of American Literature		4	
Eng. 204	Advanced Composition			4
Math. 209	Plane Analytic Geometry			5
M. & A. Dr. 201	Problems in Arch. Drawing	3		
M. & A. Dr. 202	Engineering Drawing		3	
M. & A. Dr. 203	Machine Drafting			3
P. Ed. 200-201-202	Sophomore Gymnasium	(1)	(1)	(1)
201-202-203	Shop Practice	3	3	3
		<hr/>	<hr/>	<hr/>
		16	16	16

JUNIOR

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Ec. 201	Principles of Economics			5
Ed. 432	Psychology of Adolescence		5	
Ind. Ed. 201	Industrial Hygiene			5
Ind. Ed. 401	Instructional Aids			5
Ind. Ed. 402	Industrial History	5		
Ind. Ed. 404	Methods of Teaching Ind. Subjects		5	
Physics 201-202	General Physics	5	5	
Psy. 201	General Psychology	5		
301-302-303	Shop Practice	3	3	3
		<hr/>	<hr/>	<hr/>
		18	18	18

SENIOR

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Ec. 401	Labor Problems		5	
Ind. Ed. 301	Industrial Education Curriculum	5		
Ind. Ed. 403	Shop Management		5	
Ind. Ed. 441	Directed Student Teaching in the Sec. School			10
Pol. Sc. 309	American Government	5		
Soc. Sc. 204	Contemporary Georgia		5	
401-402	Shop Practice	3	3	
Elective		5		5
		<hr/> 18	<hr/> 18	<hr/> 15

INDUSTRIAL EDUCATION CURRICULUM I

(Concentration in Building Construction)

FRESHMAN

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Bldg. Const. 101	Fundamental Operation	2		
Bldg. Const. 102	Framing Laboratory		2	
Bldg. Const. 103	Framing			2
Chem. 101-102	General Inorganic Chemistry	5	5	
Chem. 103	Qualitative Analysis			6
Eng. 101-102	Freshman Composition	5	5	
Eng. 103	Elements of Oral Expression			5
Math. 200	Trigonometry		5	
Math. 201	College Algebra	5		
Math. 209	Plane Analytic Geometry			5
P. Ed. 100-101-102	Freshman Gymnasium	(1)	(1)	(1)
		<hr/> 17	<hr/> 17	<hr/> 18

SOPHOMORE

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Bldg. Const. 201	Estimating Costs and Specifications	2		
Bldg. Const. 202	Framing Laboratory		2	
Bldg. Const. 203	Interior Carpentry			2
Ed. 302	Educational Psychology		5	
Ind. Ed. 201	Industrial Hygiene			5
Math. 307	Differential Calculus	5		
Math. 308	Integral Calculus		5	
Math. 309	Advanced Calculus			5
P. Ed. 200-201-202	Sophomore Gymnasium	(1)	(1)	(1)
Physics 201-202	General Physics	6	6	
Physics 306	Mechanics and Heat			4
Psy. 201	General Psychology	5		
		<hr/> 18	<hr/> 18	<hr/> 16

JUNIOR

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Bldg. Const. 301	Frame, Wood, Masonry Construction	2		
Bldg. Const. 302	Ele. Surveying, Landscape, Drainage		2	
Bldg. Const. 303	Construction Materials			5
Bldg. Const. 304	Shop Operation and Planning		5	
Bldg. Const. 311	Ele. Structural Engineering	5		
Bldg. Const. 501	Applied Mechanics			5
Ec. 201	Principles of Economics		5	
Eng. 204	Advanced Composition	4		
Ind. Ed. 311	Problems in Voc. Education			5
Ind. Ed. 402	Industrial History		5	
Math. 303	Solid Analytic Geometry	5		
M. & A. Dr. 301	Architectural Drafting			3
		<u>16</u>	<u>17</u>	<u>18</u>

SENIOR

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Bldg. Const. 401	Cooperative Industrial Extension	5		
Bldg. Const. 402	Estimating in Building		5	
Bldg. Const. 403	Building Construction			5
Bus. Adm. 315-316	Business Law I, II	3	3	
Ec. 401	Labor Problems	5		
Ind. Ed. 404	Methods of Teaching Ind. Subjects		5	
Ind. Ed. 441	Directed Student Teaching in the Sec. School			10
M. & A. Dr. 302	Architectural Drafting	3		
M. & A. Dr. 402	Architectural Design	3		
Pol. Sc. 309	American Government		5	
		<u>19</u>	<u>18</u>	<u>15</u>

INDUSTRIAL EDUCATION CURRICULUM II

(Concentration in General Shop)

FRESHMAN

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Eng. 101-102	Freshman Composition	5	5	
Eng. 103	Elements of Oral Expression			5
Math. 107	Intermediate Algebra	5		
Math. 200	Trigonometry		5	
Math. 201	College Algebra			5
M. & A. Dr. 101	Instruments and Materials	3		
M. & A. Dr. 102	Mechanical Drawing		3	
M. & A. Dr. 103	Construction Drawing			3
P. Ed. 100-101-102	Freshman Gymnasium	(1)	(1)	(1)
*101-102-103	Shop Practice	3	3	3
		<u>16</u>	<u>16</u>	<u>16</u>

*Shop practice may be taken in any of the following trade courses: automobile mechanics, carpentry, machine shop practice, painting and decorating.

SOPHOMORE

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Art 201-202-203	Introduction to Art	1	1	1
Chem. 101-102	General Inorganic Chemistry	5	5	
Eng. 202	Introduction to English Literature	4		
Eng. 203	Survey of American Literature		4	
Eng. 204	Advanced Composition			4
Math. 209	Plane Analytic Geometry			5
M. & A. Dr. 201	Problems in Architectural Drawing	3		
M. & A. Dr. 202	Engineering Drawing		3	
M. & A. Dr. 203	Machine Drafting			3
P. Ed. 200-201-202	Sophomore Gymnasium	(1)	(1)	(1)
201-202-203	Shop Practice	3	3	3
		<hr/> 16	<hr/> 16	<hr/> 16

JUNIOR

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Ec. 201	Principles of Economics			5
Ed. 432	Psychology of Adolescence		5	
Ind. Ed. 201	Industrial Hygiene			5
Ind. Ed. 202	Trade Analysis			5
Ind. Ed. 311	Problems in Vocational Education	5		
Ind. Ed. 402	Industrial History		5	
Physics 201-202	General Physics	5	5	
Psy. 201	General Psychology	5		
*301-302-303	Shop Practice	3	3	3
		<hr/> 18	<hr/> 18	<hr/> 18

SENIOR

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Bus. Adm. 407	Business Organization & Finance	3		
Hist. 305	History of the U. S. through the Civil War	5		
Ind. Ed. 401	Instructional Aids		5	
Ind. Ed. 403	Shop Management		5	
Ind. Ed. 404	Methods of Teaching Ind. Subjects			5
Ind. Ed. 441	Directed Student Teaching in the Secondary School			10
Soc. Sc. 204	Contemporary Georgia		5	
Soc. 403	Rural Sociology	5		
*401-402-403	Shop Practice	3	3	3
		<hr/> 16	<hr/> 18	<hr/> 18

*The student will be assigned to shop practice in the trade which he plans to teach or to follow as a journeyman.

TRADE AND INDUSTRIAL EDUCATION CURRICULUM*

FRESHMAN

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Eng. 101-102	Freshman Composition	5	5	
Eng. 103	Elements of Oral Expression			5
Ind. Ed. 202	Trade Analysis	5		
Ind. Ed. 203	Techniques of Teaching Shopwork			5
Ind. Ed. 306	Day Industrial School		5	
Math. 101	Functional Mathematics	5		
Math. 200	Trigonometry			5
Math. 201	College Algebra		5	
M. & A. Dr. 101	Instruments and Materials	3		
M. & A. Dr. 102	Mechanical Drawing		3	
M. & A. Dr. 103	Construction Drawing			3
P. Ed. 100-101-102	Freshman Gymnasium	(1)	(1)	(1)
		<u>18</u>	<u>18</u>	<u>18</u>

SOPHOMORE

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Art 201-202-203	Introduction to Art	1	1	1
Chem. 101-102	General Inorganic Chemistry	5	5	
Ec. 201	Principles of Economics			5
Ed. 432	Psychology of Adolescence		5	
Eng. 202	Introduction to English Literature	4		
Eng. 203	Survey of American Literature		4	
Eng. 204	Advanced Composition			4
Ind. Ed. 401	Instructional Aids		5	
Ind. Ed. 403	Shop Management			5
Ind. Ed. 404	Methods of Teaching Ind. Subjects	5		
P. Ed. 200-201-202	Sophomore Gymnasium	(1)	(1)	(1)
Psy. 201	General Psychology	5		
		<u>20</u>	<u>20</u>	<u>15</u>

JUNIOR

<i>Course</i>	<i>Descriptive Title</i>	<i>Quarter Hours Credit</i>		
		Fall	Winter	Spring
Ind. Ed. 201	Industrial Hygiene			5
Ind. Ed. 301	Industrial Education Curriculum			5
Ind. Ed. 305	Vocational Guidance		5	
Ind. Ed. 402	Industrial History	5		
Physics 201-202	General Physics	5	5	
Pol. Sc. 309	American Government		5	
Soc. Sc. 204	Contemporary Georgia	5		
Elective				5
		<u>15</u>	<u>15</u>	<u>15</u>

*To qualify for the degree, a person must have had recognized trade experience equivalent to two years beyond the learning period, in addition to prescribed requirements.

SENIOR

Course	Descriptive Title	Quarter Hours Credit		
		Fall	Winter	Spring
Bus. Adm. 407-408	Business Organization & Finance	3	3	
Ec. 401	Labor Problems		5	
Ind. Ed. 311	Problems in Vocation Education	5		
Ind. Ed. 441	Directed Student Teaching in the Secondary School			10
Hist. 305	History of the U. S. through the Civil War	5		
Soc. 301	Introduction to Sociology		5	
Elective		3	3	5
		<hr/> 16	<hr/> 16	<hr/> 15

DESCRIPTION OF COURSES

AUTOMOBILE MECHANICS

LEROY BROWN

W. T. PERRY

101 AUTO SHOP LABORATORY. Basic principles of construction, lubrication, and cleaning. *One class hour and three two-hour laboratory periods a week. Fall quarter. Credit, two quarter hours.*

102 AUTO SHOP LABORATORY. Disassembly and study of various units of the automobile. *One class hour and three two-hour laboratory periods a week. Winter quarter. Credit, two quarter hours.*

103 AUTO SHOP LABORATORY. Continuation of Automobile Mechanics 102. *One class hour and three two-hour laboratory periods a week. Spring quarter. Credit, two quarter hours.*

201 AUTO SHOP LABORATORY. Practice in approved methods of servicing: automobile engines, transmissions, clutches, rear ends, universals, front system, fuel systems, et cetera. *One class hour and three two-hour laboratory periods a week. Fall quarter. Credit, two quarter hours.*

202 AUTO SHOP LABORATORY. Continuation of Automobile Mechanics 201. *One class hour and three two-hour laboratory periods a week. Winter quarter. Credit, two quarter hours.*

203 AUTO SHOP LABORATORY. Continuation of Automobile Mechanics 201-202. *One class hour and three two-hour laboratory periods a week. Spring quarter. Credit, two quarter hours.*

204 METALLURGY. Fundamental theories of metallurgy essential to heat treating of steel, steel alloys, cast iron and non-ferrous alloys. *One class hour and three three-hour laboratory periods a week. Spring quarter. Credit, three quarter hours.*

205 WELDING SHOP LABORATORY. Theory and practice in the fundamental methods of welding steel, cast iron and non-ferrous metals by gas and electric arc processes. *One class hour and one three hour laboratory period a week. Fall quarter. Credit, one quarter hour.*

301 AUTO SHOP LABORATORY. Practice in the diagnosis and remedies of troubles in various automobile units. *Two class hours and one three-hour laboratory period a week. Fall quarter. Credit, two quarter hours.*

302 AUTO SHOP LABORATORY. Continuation of Automobile Mechanics 301. *One class hour and two three-hour laboratory periods a week. Winter quarter. Credit, two quarter hours.*

303 AUTO SHOP LABORATORY. Automobile repair shop and service station management. *One class hour and two three-hour laboratory periods a week. Spring quarter. Credit, two quarter hours.*

AUTOMOTIVE BODY AND FENDER REPAIR

HENRY L. WARE

101. ELEMENTARY BODY AND FENDER REPAIR. Selection and care of hand tools, body and bolt work. *One class hour and two two-hour laboratory periods a week. Fall quarter. Credit, three quarter hours.*

102 ELEMENTARY BODY AND FENDER REPAIR. Fundamentals of metal working, application of force, action of plain iron, bending, stretching, straightening, practice in working metal, bumping and dinging use of the file. *One class hour and two two-hour laboratory periods a week. Winter quarter. Credit, three quarter hours.*

103 ELEMENTARY BODY AND FENDER REPAIR. Principles of soldering, fender repairing, and servicing doors. *One class hour and two two-hour laboratory periods a week. Spring quarter. Credit, three quarter hours.*

201 ADVANCED BODY AND FENDER REPAIR. Major body and fender repairs and shrinking of metal. *One class hour and two two-hour laboratory periods a week. Fall quarter. Credit, three quarter hours.*

202 ADVANCED BODY AND FENDER REPAIR. Practice in replacing roof coverings and channels; frame and weatherstrip work. *One class hour and two two-hour laboratory periods a week. Winter quarter. Credit, three quarter hours.*

203 ADVANCED BODY AND FENDER REPAIR. Practice in electric, acetylene welding and body and fender soldering. *One class hour and two two-hour laboratory periods a week. Spring quarter. Credit, three quarter hours.*

BUILDING CONSTRUCTION

MURRELL S. JOHNSON

FRANK D. THARPE

101 FUNDAMENTAL OPERATION. Laboratory projects involving use and care of tools and machinery; joinery. Classification of lumber, fundamental operation in carpentry work and use of the steel square. *One class hour and three two-hour laboratory periods a week. Fall quarter. Credit, two quarter hours.*

102 FRAMING LABORATORY. Laboratory projects involving light framing walls, sills, corner parts, plates, and erecting the frame spring. *Three two-hour laboratory periods a week. Winter quarter. Credit, two quarter hours.*

103 FRAMING. Types and methods of framing. *Three two-hour laboratory periods a week. Spring quarter. Credit, two quarter hours.*

201 ESTIMATING COSTS AND SPECIFICATIONS. Designed to give the student a knowledge of the methods used in making estimates of cost as applied to building. Specifications, definitions, and examples given by an architect; laboratory projects involving door frames, window frames, sheathing and siding, dormers, cornices, screens, blinds, shutters, and water tables. *One class hour and three two-hour laboratory periods a week. Fall quarter. Credit, two quarter hours.*

202 FRAMING LABORATORY. Laboratory projects involving balloon framing, bracing and roof framing, including industrial apprentice practice and progressive practical experience in all branches of carpentry work, under supervision of the shop instructor. *One class hour and three two-hour laboratory periods a week. Winter quarter. Credit, two quarter hours.*

203 INTERIOR CARPENTRY. Laboratory projects involving standard trims, sash, door, floor, and ceiling. Installing window and door hardware

and wainscoting. Special problems in stair building. Industrial apprentice practice. *One class hour and three two-hour laboratory periods a week. Spring quarter. Credit, two quarter hours.*

301 FRAME, WOOD, MASONRY CONSTRUCTION. A study of the sequence and construction of frame dwellings, dwellings of wood and masonry. *One class hour and three two-hour laboratory periods a week. Fall quarter. Credit, two quarter hours.*

302 ELEMENTARY SURVEYING, LANDSCAPE, DRAINAGE. *One class hour and three two-hour laboratory periods a week. Winter quarter. Credit, two quarter hours.*

303 CONSTRUCTION MATERIALS. A study of approved building materials used in present-day construction; study of masonry materials used in building construction—including brick, mortar, natural and artificial stone, tile and concrete. *One class hour and four two-hour laboratory periods a week. Spring quarter. Credit, five quarter hours.*

401 COOPERATIVE INDUSTRIAL EXTENSION. Work in a general contracting organization; further study of construction materials involving properties of non-ferrous and ferrous metal and alloys and their application to building construction. *One class hour and four two-hour laboratory periods a week. Fall quarter. Credit, five quarter hours.*

402 ESTIMATING IN BUILDING. A study of methods used in estimating qualities of materials and approximate estimates of small buildings; practical examples of estimation showing methods of calculating amount of material, cost of material and labor. *Five class hours a week. Winter quarter. Credit, five quarter hours.*

403 BUILDING CONSTRUCTION. A study of reinforced concrete, water cement, ratio theory, reinforcing steel and bond. Design of slab, beam, column and footing. A general study of construction in wood, steel, and concrete. Also a study of the sequence and construction of industrial building of bricks and lumber, standard mill and semi-mill construction. *One class hour and four two-hour laboratory periods a week. Spring quarter. Credit, five quarter hours.*

501 APPLIED MECHANICS. *One class hour and four two-hour laboratory periods a week. Spring quarter. Credit, five quarter hours.*

ELECTRICAL MAINTENANCE AND INSTALLATION

RUTHERFORD LOCKETTE*

FRED OWENS

101 INTRODUCTION TO ELECTRICITY. Diagramming and constructing simple bell circuits, series and parallel circuits, return-call circuits and methods of testing and locating trouble in electric circuits. Prerequisite: Permission of instructor. *One class hour and one three-hour laboratory period a week. Fall quarter. Credit, two quarter hours.*

102 ELECTRICAL APPLIANCES. A study of the construction of electrical appliances: clocks, lamps, toasters, irons, stoves, et cetera. Prerequisite: Permission of instructor. *One class hour and one three-hour laboratory period a week. Winter quarter. Credit, two quarter hours.*

103 MOTOR WINDING. A study of electric motors: testing for faults, rewinding, complete reconditioning. Prerequisite: Permission of instructor. *One class hour and one three-hour laboratory period a week. Spring quarter. Credit, two quarter hours.*

201 COMMERCIAL AND RESIDENTIAL WIRING. Theory and practice of conductors, batteries, transformers; wiring with knob and tube, wire moulding, BX, non-metallic sheathed cable, conduit, and all modern wiring methods.

*On leave, 1948-1949.

In conformance with the National Electrical Code. Prerequisite: Permission of instructor. *One class hour and one three-hour laboratory period a week. Fall quarter. Credit, two quarter hours.*

202 COMMERCIAL AND RESIDENTIAL WIRING. Continuation of Electrical maintenance and Installation 201. Prerequisite: Permission of instructor. *One class hour and one three-hour laboratory period a week. Winter quarter. Credit, two quarter hours.*

203 WIRING FOR HAZARDOUS LOCATIONS. Such as filling stations, generator rooms, motion picture rooms, and the like. Specifications and estimating of wiring jobs. Prerequisite: Permission of instructor. *One class hour and one three-hour laboratory period a week. Spring quarter. Credit, two quarter hours.*

301 ELEMENTARY ELECTRICAL ENGINEERING. Fundamental principles of electricity, magnetic and electrostatic circuits. Prerequisite: Physics 201-202. *Two class hours and three two-hour laboratory periods a week. Fall quarter. Credit, five quarter hours.*

INDUSTRIAL EDUCATION

W. B. NELSON

FRANK D. THARPE

AMETER Z. TRAYLOR

201 INDUSTRIAL HYGIENE. A study of industrial accidents and their social and economic consequences. The application of health fundamentals to the comfort of the workman: housing—factory and home; cleanliness and sanitation; heat, ventilation, lighting, and first-aid. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

202 TRADE ANALYSIS. Fundamental principles in analyzing a trade. *Five class hours a week. Fall. Spring. Credit, five quarter hours.*

203 TECHNIQUES OF TEACHING SHOPWORK. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

301 INDUSTRIAL EDUCATION CURRICULUM. Principles, materials and methods of curriculum making for various types of industrial education courses. *Five class hours a week. Fall. Spring. Credit, five quarter hours.*

305 VOCATIONAL GUIDANCE. The meaning, purpose, and problems of vocational guidance, and its relationship to the industrial worker. *Five class hours a week. Winter quarter. Credit, five quarter hours.*

306 DAY INDUSTRIAL SCHOOL. Emphasis upon the day trade school and the part-time school. Consideration of general policies, student body, teaching staff, pupil guidance, materials and equipment for instruction. *Five class hours a week. Winter quarter. Credit, five quarter hours.*

311 PROBLEMS IN VOCATIONAL EDUCATION. The history, nature, purpose, and problems of vocational education in various types of vocational training institutions. *Five class hours a week. Fall. Spring. Credit, five quarter hours.*

327 BUILDING SUPERINTENDENCE. Technical knowledge, methods, routine work, handling men. *Five class hours a week. Spring quarter. Credit, five quarter hours.*

401. INSTRUCTIONAL AIDS. Writing instruction sheets emphasized. Such sheets will be based upon duty analysis, trade and occupational analysis. *Five class hours a week. Winter quarter. Credit, five quarter hours.*

402. INDUSTRIAL HISTORY. A study of American industries and statistics bearing on their growth, distribution, labor, economic and social influence. *Five class hours a week. Fall. Winter. Credit, five quarter hours.*

403 SHOP MANAGEMENT. Sources of materials, purchases, cost inventories; installation, maintenance, and safe operation of machinery; storage and issuing of tools and supplies; financial accounts; and the disposal of products. *Five class hours a week. Winter quarter. Credit, five quarter hours.*

404 METHODS OF TEACHING INDUSTRIAL SUBJECTS. Methods and techniques for shop classes; discussion of lesson plans; demonstrations, drills, grading reports, records, standards of workmanship, and the writing of instruction sheets. *Five class hours a week. Winter. Spring. Credit, five quarter hours.*

LABOR PROBLEMS (See Economics 401.)

441 DIRECTED STUDENT TEACHING IN THE SECONDARY SCHOOL. *Four class hours and twelve hours a week directed student teaching. Spring quarter. Credit, ten quarter hours.*

MACHINE SHOP PRACTICE

ROBERT CHISLEY

101-102-103 ESSENTIALS OF BENCH WORK AND MACHINE TOOL OPERATION. Chipping, filing, scraping, drilling, tapping, reaming, laying-out and measuring. Machine tool operation with emphasis on the drill press, lathe and shaper. *One class hour and three three-hour laboratory periods a week. Fall, winter, and spring quarters. Credit, three quarter hours each quarter.*

201-202-203 TOOL OPERATION. Introductory training in the operation of the planer, milling machine, grinding machine and boring mill is blended into production and repair jobs. *One class hour and three three-hour laboratory periods a week. Fall, winter, and spring quarters. Credit, three quarter hours each quarter.*

300 TRADE PRACTICE (Summer). *Forty-four hours a week, for ten weeks. Credit, six quarter hours.*

301-302 ADVANCED MACHINE SHOP PROBLEMS. Arranged so that the student may combine theory, mathematics, drafting, and practice to produce skillfully finished jobs. *One class hour and three three-hour laboratory periods a week. Fall and winter quarters. Credit, three quarter hours each quarter.*

303 ADVANCED SHOP PROBLEMS. Continuation of Machine Shop Practice 302. *One class hour and three three-hour laboratory periods a week. Spring quarter. Credit, three quarter hours.*

MASONRY

ARTHUR C. CARTER

J. H. WARRICK

101 ELEMENTARY MASONRY. Care, use, and value of tools; materials and methods commonly used in masonry; mixing and spreading mortar; laying out for piers and building piers; building 4", 8", and 12" walls; building flues and columns; cleaning masonry; building pilasters; estimating materials; making simple sketches; scaling; making simple tools. *One class hour and three three-hour laboratory periods a week. Fall quarter. Credit, three quarter hours.*

102 INTERMEDIATE MASONRY. Alterations and repairing; constructing chimneys, mantels and barbeque pits; laying various bonds; building brick steps and gateways; building septic tanks and grease traps; fundamental architectural drawing. *One class hour and three three-hour laboratory periods a week. Winter quarter. Credit, three quarter hours.*

103 INTERMEDIATE MASONRY. Foundation walls; plain and reinforced concrete; underpinning; laying out foundations; excavating; ornamental cement and concrete masonry; tile setting; lathing and plastering; concrete walks and walls; laying hollow tile; veneering; making concrete block and concrete brick; fundamental architectural drawing. *One class hour and three*

three-hour laboratory periods a week. Spring quarter. Credit, three quarter hours.

201 ADVANCED MASONRY. Preparation for and building in the work of other trades; prorgessive practical experience in all branches of masonry under the supervision of the department; laying out work for business, church, school, and residential buildings; specifications; contracting; fundamental architectural drawing. *One class hour and three three-hour laboratory periods a week. Fall quarter. Credit, three quarter hours.*

202 ADVANCED MASONRY. Constructing buildings exemplifying the various types of masonry construction; blueprint-reading and simple architectural drawing. *One class hour and three three-hour laboratory periods a week. Winter quarter. Credit, three quarter hours.*

203 ADVANCED MASONRY. Continuation of Masonry 202. *One class hour and three three-hour laboratory periods a week. Spring quarter. Credit, three quarter hours.*

MECHANICAL AND ARCHITECTURAL DRAWING

ANTONIO ORSOT

101 INSTRUMENTS AND MATERIALS. Theory of shape description, lettering, care and use of drawing instruments, geometric problems, orthographic and pictorial projection. *One class hour and two two-hour laboratory periods a week. Fall quarter. Credit, three quarter hours.*

102 MECHANICAL DRAWING. Orthographic projection. Shop problems used as working drawings. *One class hour and two two-hour laboratory periods a week. Winter quarter. Credit, three quarter hours.*

103 CONSTRUCTION DRAWING. Working drawings, sketching, tracing and blueprinting. *One class hour and two two-hour laboratory periods a week. Spring quarter. Credit, three quarter hours.*

201 PROBLEMS IN ARCHITECTURAL DRAWING. Elements of architectural drawing. House planning. *One class hour and two two-hour laboratory periods a week. Fall quarter. Credit, three quarter hours.*

202 ENGINEERING DRAWING. Gears, automotive parts and assembly drawings. *One class hour and two two-hour laboratory periods a week. Winter quarter. Credit, three quarter hours.*

203 MACHINE DRAFTING. Problems and practice in machine drafting. *One class hour and two two-hour laboratory periods a week. Spring quarter. Credit, three quarter hours.*

301-302-303 ARCHITECTURAL DRAFTING. Application of principles to domestic buildings, studies of residential details and preparation. Residential planning for low income groups. *One class hour and two two-hour laboratory periods a week. Fall, winter, and spring quarters. Credit, three quarter hours a quarter.*

401 ENGINEERING DRAWING. Drawing pertinent to the trade in which the student is enrolled. *One class hour and one three-hour laboratory period a week. Fall. Spring. Credit, two quarter hours.*

402 ARCHITECTURAL DESIGN. A comprehensive study of construction finish materials, masonry, wood, et cetera. *One class hour and two two-hour laboratory periods a week. Winter quarter. Credit, three quarter hours.*

403 ARCHITECTURAL DESIGN. Special problems in drafting and designing. *One class hour and one three-hour laboratory period a week. Spring quarter. Credit, two quarter hours.*

PAINTING AND DECORATING

SAMUEL L. LESTER

101 WOOD FINISHING. Includes finishing and refinishing projects brought into the shop. *One class hour and three three-hour laboratory periods a week. Fall quarter. Credit, three quarter hours.*

102-103 EXTERIOR HOUSE PAINTING. A study of the ingredients of outside house paint; practical work in painting house exteriors. *One class hour and three three-hour laboratory periods a week. Winter and spring quarters. Credit, three quarter hours each quarter.*

201 ADVANCED WOOD FINISHING. Theory and practical work with paints, stains, enamels, shellacs, lacquers and varnishes. *One class hour and three three-hour laboratory periods a week. Fall quarter. Credit, three quarter hours.*

202 SIGN PAINTING. Emphasizes the lacquer system of sign painting. *One class hour and three three-hour laboratory periods a week. Winter quarter. Credit, three quarter hours.*

203 ADVANCED PAINTING AND DECORATING. Advanced problems in paper hanging and interior decoration. *One class hour and three three-hour laboratory periods a week. Spring quarter. Credit, three quarter hours.*

RADIO REPAIRING

ROLLINS BACON

BENJAMIN R. SINGLETON

101 CARE OF TOOLS AND MATERIALS. Practical training in care and use of tools and materials. *One class hour and one three-hour laboratory period a week. Fall quarter. Credit, two quarter hours.*

102 APPLIED RADIO. Fundamental procedure in cleaning and repairing radios, loud speakers, et cetera. *One class hour and one three-hour laboratory period a week. Winter quarter. Credit, two quarter hours.*

103 APPLIED RADIO. Continuation of Radio Repairing 102. *One class hour and one three-hour laboratory period a week. Spring quarter. Credit, two quarter hours.*

201-202 ADVANCED RADIO SERVICE. Installation of radios and loud speaking systems. *One class hour and one three-hour laboratory period a week. Fall and winter quarters. Credit, two quarter hours each quarter.*

203 APPLIED HYGIENE. Safety and personal hygiene as applied to radio workers. *Two class hours a week. Spring quarter. Credit, two quarter hours.*

SHOE REPAIR

CARL F. FLIPPER

SOL HARDEN

101-102-103 ELEMENTS OF SHOE REPAIRING. Study of tools, materials, minor repairs, principles of shoe repairing. *One class hour and three three-hour laboratory periods a week. Fall, winter, and spring quarters. Credit, three quarter hours each quarter.*

201 ADVANCED SHOE REPAIR. Advanced work in repairs. *One class hour and three three-hour laboratory periods a week. Fall quarter. Credit, three quarter hours.*

202 ADVANCED SHOE REPAIR. Finishing with machines, et cetera. *One class hour and three three-hour laboratory periods a week. Winter quarter. Credit, three quarter hours.*

203 ADVANCED SHOE REPAIR. Estimating cost and production work. *One class hour and three three-hour laboratory periods a week. Spring quarter. Credit, three quarter hours.*

ACADEMIC REGULATIONS

ATTENDANCE

In classroom exercises, laboratory, related requirements, and shop work, Georgia State College provides for students the facilities, materials, staff, and conditions of training, learning, and creative activity. It is essential that each student share fully in the educational experiences thus provided. Therefore, to help students towards realizing the greatest possible benefit from opportunities here afforded, the College has set up general attendance requirements. These requirements are detailed in the Student Handbook, which may be obtained upon request at the Office of the Coordinator of Student Personnel Services. When a student enrolls in residence courses, he accepts full responsibility for informing himself as to the meaning of these regulations and for strict adherence to the attendance requirements.

THE GRADING SYSTEM

The College uses letters to indicate quality of academic work. "A" is the highest grade; "D" the lowest passing grade. Grade distinctions are as follows:

The grade "A" denotes excellent work.

The grade "B" denotes good work.

The grade "C" denotes average work; satisfactory.

The grade "D" denotes poor work. Though accepted as a passing mark, "D" does not represent satisfactory achievement, and is not accepted toward a student's major or minor. Like the higher grades, it is final and cannot be raised by subsequent work or examination. The entire course may, however, be repeated for a higher grade, upon recommendation of the instructor. At no time, however, may credit be received more than once for the same course.

The grade "E" denotes a condition. This is not a passing grade, and it must be removed by examination. A student may receive a grade no higher than a "D" by removing a condition.

The grade "F" indicates that the student has failed to meet minimum requirements of the course. Except as provided in the following regulation (Changes in Grades) a student may convert an F into a higher grade only by repeating the course. The grade F may indicate also that the student did not attend classes in a course in which he was officially registered, and did not officially withdraw from the course.

The grade "I" indicates that the student has not completed the work of the course. The "I" denotes further:

- a. That the student remained in the class until near the end of the quarter.
- b. That, though incomplete, the student's work while he remained in the class was of D grade or better.

- c. That either by examination or additional work the student may complete the course during the next quarter.

The grade "W" indicates that the student officially withdrew from the class before the end of the quarter. This grade carries the following distinctions:

- a. "W" indicates that the student has been in the class such few times, (in general, fewer than ten class periods) that the teacher can give no qualitative grade.
- b. "WP" indicates that the student has attended class ten or more times and that he was doing satisfactory work when he officially withdrew.
- c. "WF" indicates that the student has attended class ten or more times, and that his work was below minimum requirements when he officially withdrew.

CHANGES IN GRADES

Once an instructor has reported a grade to the Registrar, the grade may be changed only under the following conditions:

1. An instructor may change an I (Incomplete) to any grade within twelve months. An I automatically becomes F if it is not removed within twelve months.
2. An instructor may change an E to a D through a second examination within the following quarter. An E automatically becomes an F if it is not removed during the quarter following the date it is reported to the Registrar.
3. Other than as provided in the foregoing, a student may not qualify for a higher grade through re-examination, except that:
 - a. A person who has been graded F under the original $\frac{1}{4}$ clause (excessive absence) may be granted the privilege of a second examination to raise the grade within the next quarter of residence, when in the judgment of the instructor and the Dean of Faculty such second examination is warranted.
 - b. A candidate for graduation may be granted the privilege of a second examination if in the judgment of the instructor and the Dean of Faculty such an examination is warranted.
4. An instructor may change any grade to another grade within one month after the initial report, upon presenting to the Dean of Faculty conclusive documentary proof that the previous grade was mistakenly reported through an error in transcription.

QUALITY POINTS

The value of each grade in quality is as follows: a grade of "A" entitles the student to 3 quality points per credit hour; a grade of "B"

entitles the student to 2 quality points per credit hour; a grade of "C," 1 quality point per credit hour; a grade of "D," no quality points. For a final grade of "F," 1 quality point per credit hour will be deducted. For example, if a student receives a grade of "F" in a 5 quarter hour course, he receives 0 quarter hours and —5 quality points. It is a requirement of the College that every student earn at least as many quality points as quarter hours required by his curriculum before he shall be granted a degree from the institution.

CALCULATING A STUDENT'S SCHOLASTIC AVERAGE

A student's scholastic average is computed by dividing the number of quarter hours academic credit completed with passing and failing (final) grades into the number of quality points earned. When a student repeats a course, the credit and quality points previously earned in the course are automatically cancelled in computing the student's scholastic average.* The grade and quality points earned upon repetition of the course supersede the previous grade and points, and are final. Credit earned through a second examination is treated in the same manner as credit earned by repetition of a course. When the grade F is a final grade, the nominal credit of the course—together with minus one (—1) quality point per hour of nominal credit—is counted in calculating the cumulative average.

CLASSIFICATION OF STUDENTS

A student will be classified as a freshman, sophomore, junior, or senior, according to the number of quarter hours of work that he has completed with an average grade of C. A student who has completed fewer than 37 hours of the number of hours required for graduation will be classified as a freshman. A student will be entitled to register as a sophomore when he has completed with an average grade of C at least 37 hours; as a junior when he has completed with a like average at least 84 hours; and as a senior when he has completed with a like average at least 131 hours.

The classification under which a student registers at the beginning of the academic year will continue throughout that year.

SCHOLARSHIP STANDARDS

Georgia State College is operated for students who demonstrate their ability and disposition to profit by college work. Standards and regulations which each student should reach are hereby set up as a guide. A student must attain the following minimum standards in order to be eligible to remain in the College:

1. In any quarter a student must earn at least five quarter hours credit with an average of C in one regular course to be eligible to register for the succeeding quarter. Freshman students fail-

*All courses and grades of a student are entered upon the student's permanent record, retained thereon, and certified on his transcript.

ing in the above during their first quarter may be placed on probation for one quarter.

2. Regular students earning credit with a minimum average of C in one five- hour course and less than C in two five-hour courses in any one quarter will be placed on probation for the succeeding quarter.
3. During any quarter when a student is on probation, the student must earn credit with a minimum average of C in as many as two five-hour courses to be eligible to register for the next quarter.
4. Students failing to meet eligibility requirements because of failures in courses at the end of the fall or winter quarter may, by special permission, remain in college on probation the following quarter.
5. If a student on probation earns credit with a minimum average of C in two five-hour courses, but less than three five-hour courses, the student remains on probation the next quarter. In order to get off probation, a student must earn credit with a minimum average of C in as many as three five-hour courses in one quarter. A student may not remain on probation for more than two successive quarters.
6. Students who are registered in the College for three quarters (September to June) in any year must earn as many quality points as hours taken to be eligible to register for the following fall quarter. A student failing in this standard may re-establish eligibility through summer quarter study.
7. A student who is out of the College for one or more quarters because of failure in courses or deficiency in quality points may be re-admitted on probation. In such a case the student must earn credit with a minimum average of C in not fewer than two five hour courses during the first quarter of re-enrollment in order to be eligible to register for the following quarter. A student ineligible the second time because of courses or points may be re-admitted only at the discretion of the Committee on Admissions.
8. A student who is deficient in courses or quality points at the end of the spring quarter may re-establish eligibility by earning the grade of B in ten quarter hours of work in a five weeks' summer session. At the end of the sophomore year a student must have earned a cumulative average of 0.90 in order to remain in the College.
9. The same regulation as to scholarship applies to students who transfer from other institutions. A student who is ineligible to return to a college which he has been attending will be ineli-

gible to transfer to Georgia State College until such ineligibility is removed.

ACTION ON SCHOLASTIC DEFICIENCIES

1. At the end of each quarter the Registrar shall submit to the Dean of Faculty the names of students who have failed to meet minimum scholarship requirements.
2. The Dean of Faculty shall study the records of students so listed and recommend to the Faculty or the Administrative Council the action to be taken in each case.
3. A student dropped for poor scholarship shall be notified in person by the Dean of Faculty. In instances when the student is under 21 years of age, a special letter will be written to parents or guardian explaining the status of the student.
4. Division directors, departmental heads, and the Registrar shall be informed of all students in this category.

RECOGNITION FOR EXCELLENCE IN SCHOLARSHIP

1. Students who maintain an average of B in not less than a normal load during a given quarter are eligible for listing on the College Honor Roll.
2. Students who maintain an average of 2.50 on a full program in a quarter will have their names placed on the Dean's List for the following quarter.
3. Students maintaining an average of B with no grade below C during any quarter shall not be required to adhere to the class attendance regulations.
4. Students who maintain an average of B during any quarter may secure permission to take a *fourth* course during the following quarter.

GRADUATION HONORS

If a student maintains an average of 2.00 during his four years in college, he will be graduated *Cum Laude*. If a student maintains an average of 2.50 or above, he will be graduated *Magna Cum Laude*. If a student maintains an average of 3.00, he will be graduated *Summa Cum Laude*. A student must have matriculated at Georgia State College for at least three years to receive his degree *Summa Cum Laude*, two years for *Magna Cum Laude*, and two years for *Cum Laude*.

ADVISERS TO STUDENTS

Each student is assigned to a member of the faculty for special advice during the freshman and sophomore years. In the case of senior

division students, the professor in charge of the student's major concentration subject automatically becomes his adviser. The duties of the adviser are to assist the student in selecting his subjects, to aid him in interpreting the requirements, to guide him in important matters. In case of any proposed change in his program, a student should consult his adviser, who will judge the reason for the change and make recommendation to the Dean of Faculty. The responsibility for selection of courses rests, in the final analysis, upon the student. It is the primary duty of the student to meet the requirements of his curriculum, so that he may not in his senior year find himself unable to graduate. A request from the adviser to the student for conference should be promptly complied with.

STUDENT LOAD

Under ordinary circumstances, a student may not register for an academic credit load in any quarter exceeding the normal requirement of his classification and major. As indicated under *Recognition for Excellence in Scholarship—section 4*, exceptions are, however, permissible to superior students. Also, a candidate for graduation who has no scholastic deficiency may enroll for credit in one additional course, the total load not to exceed twenty quarter hours, if lack of such course would hinder the student from graduating on schedule. In any event, a student will be allowed no credit for an overload unless such overload has the formal, express approval of both the student's adviser and the Dean of Faculty.

When illness or necessary outside work or other valid reason prevents a student from devoting full time to study, he may reduce his academic load upon recommendation of his adviser and approval by the Dean of Faculty.

All regular and all trades special students are required to pursue courses in the prescribed order. Special college students will pursue the courses agreed upon in conference with their advisers. In case of temporary irregularity due to failure, or other causes, the student shall select such courses as will enable him to conform to his curriculum as quickly as possible.

Incomplete required courses take precedence over other subjects. Any student who has an incomplete or condition in a required course, or who has a failing grade in a required course, must register first in that course.

Procedure for Withdrawal

Students wishing to withdraw for any reason are required to file formal notice.

1. A student will go to the office of the Dean of Faculty and secure forms for withdrawal. When the forms have been properly

filled out, the student will take one form to his personnel dean and one to his instructors. The instructors will initial the form and return it to the student. After all instructors have initialed the form, the student must return the form to the Registrar who will send notice of the withdrawal to the Comptroller.

2. In cases of emergency when the student is required to leave school before it is possible to file formal notice, the student should write or have someone write to the Dean of Faculty for permission to withdraw.
3. Students who withdraw without giving formal notice will receive "Failure" as a grade in their courses and shall forfeit claims for any refunds.

DEGREES CONFERRED ON JUNE 7, 1948

BACHELOR of SCIENCE DIVISION of AGRICULTURE

Luther Harold Conyers, Jr.....	Bainbridge
Arnor Socrates Davis.....	Blackshear
Jimmie Clarence Douglas.....	Screven
Isaac Harper.....	Richland
Clarence Lee Lasseter.....	Millen
John Henry Morgan.....	Valdosta
*Charles Anderson Ogletree.....	West Point
Alton W. Spells.....	Blackshear
General Samuel Stone.....	Toombsboro
Walter J. Sutton.....	Macon
Lindsey Weatherspoon.....	Cairo

DIVISION of ARTS and SCIENCES

BIOLOGY

Edward Davis.....	Savannah
Charles Johnson, Jr.....	Savannah
Westley Wallace Law.....	Savannah
*Alfonso Orr.....	Savannah

BUSINESS

Esther Bush.....	Royston
Gladys Juanita Day.....	Savannah
Mary Agatha Dingle.....	Savannah
Ann Lucile Eason.....	Savannah
Theresa Myrtle Finch.....	Savannah
Margaret Georgetta Fuller.....	Savannah
Sanders Golphine.....	Ellaville
Ruby Dell Parks.....	Sylvester
Thelma Elizabeth Perry.....	Savannah
Samuel L. Smith.....	Louisville
*Gwendolyn Eugenia Thompson.....	Douglas
Alice Edwina Ward.....	Hiram
Lawrence Samuel Young.....	Hahira

*With honors.

ELEMENTARY EDUCATION

Lottie King Bennett.....	Savannah
Ida Rebecca Booker.....	Bishop
Mildred Perry Bradshaw.....	Savannah
Electa Ellinder Corker.....	Climax
Rovenia Auloise Durant.....	Ludowici
Mamie Christine Evans.....	Americus
Irma Sessions Fields.....	Savannah
Delorah Marshall Ford.....	Savannah
*Maggie Hayes.....	Ailey
*Helen Louise Lambert.....	Valdosta
Ellen Juanita Young Mosley.....	Swainsboro
Estelle Susie Mosley.....	Summerville
Marie Hazel Scantling.....	Sylvania
Lillian Shank Scott.....	Savannah
Dorothy Lee Smith.....	Mayfield
Emma Goings Temple.....	Savannah
Janie Palestine Williams.....	Augusta
Marianna Woods.....	White Plains
Ida Belle Anderson Wright.....	Savannah

ENGLISH

Naomi Bailey.....	Waycross
**Eldred Theodora Davis.....	Savannah
Elizabeth Gordon.....	Riceboro
Elleanor Myrick Sutton.....	Macon

MATHEMATICS

Rutha Mae Brown.....	Savannah
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SOCIAL SCIENCES

Lula Mae Battle.....	Forsyth
Albert Errol Butts.....	Sparta
Pauline Cainion.....	Donalson
Benjamin Franklin Crawford.....	Valdosta
Leon Dingle.....	Savannah
Walter Gambrell.....	Anderson, S. C.
<u>Carlton Wright Gannaway.....</u>	<i>Rome</i>

*With honors.

**With high honors.

Georgia Lucille Haven.....	Savannah
William Clinton Jones.....	Columbus
Iola Mae Kinsey.....	Jacksonville, Fla.
Mary Lillian McRae.....	Tifton
Alcie Chester Robinson.....	Vidalia
Rosemary Delores Starks.....	Savannah

SOCIAL SCIENCES

**Pauline Allen Stoney.....	Savannah
David Thomas.....	Greenville, S. C.
Margaret Hines Thomas.....	Savannah
Girlean Dixon Waller.....	Savannah
Robert Bernard Washington.....	Savannah
George Henry White.....	Savannah
Annie Belle Williams.....	Macon
Walker Clinton Williams.....	Newnan

DIVISION of HOME ECONOMICS

Ossie Mae Ash.....	Iron City
Milla Nease Ball.....	Claxton
Ida Ruth Dowers.....	Tifton
Evalyn Theresa Lundy.....	Sparta
*Nancy Mae Neal.....	Madison
Ruth Oliver Paulin.....	Savannah
Carrie Bell Powell.....	McIntosh
Hattie Mae Scurry.....	Savannah
*Susie Mae Wilkinson.....	Hogansville

DIVISION of TRADES and INDUSTRIES

INDUSTRIAL EDUCATION

**Clyde Woodrow Hall.....	Winter Park, Fla.
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*With honors.

**With high honors.

DEGREES CONFERRED ON AUGUST 19, 1948

BACHELOR of SCIENCE

DIVISION of AGRICULTURE

Wallace Lee Boyd.....	Valdosta
Benjamin George Densler.....	Savannah
Robert William Henley, Jr.....	Claxton
Augustus McGriff.....	Colquitt
Marvin Rosser.....	Grantville

DIVISION of ARTS and SCIENCES

BUSINESS

Julian Isaac Davis.....	Sandersville
Nelson Roscoe Freeman.....	Lake Wales, Fla.
Perry James Jones.....	Savannah

ELEMENTARY EDUCATION

Mary Neal Allen.....	Swainsboro
Alice Johnson Arvinger.....	Midville
Lilla Belle Ashe.....	Greensboro
Laura Louise Austin.....	Milledgeville
Alyce Hazel Barnes.....	Sparta
Olious Sigma Beasley.....	Wrens
*Claudia Reese Briggs.....	Millen
Lorraine Wesley Brown.....	Blackshear
Mary Bertha Ricks Brown.....	Baxley
Sarah Elizabeth Butler.....	Sandersville
Margaret Gadsden Caution.....	Savannah
Leonye P. Cunningham.....	Savannah
**Mildred Lavenia Davis.....	Rome
Ruby Rupert Dawson.....	Augusta
Mattie Louise DeLoach.....	Hawkinsville
Alphny Alzonnia Dennison.....	St. Simon's Island
Eula Mae Derry.....	Ludowici
Mamie Chambers Farley.....	Savannah
Editta Horton Gill.....	Savannah

*With honors.

**With high honors.

Beatrice Harrell Gisendaner.....	Ocilla
Dorothy Johnson Harris.....	Pine Park
Maude Edwards Harris.....	Donalsonville
Sarah Flournoy Hart.....	Waynesboro
Ernestine Heard Holle.....	West Point
Addie Smith Hollis.....	Waycross
Eva C. Hubert.....	Mayfield
Jeannette Gaston Jenkins.....	Savannah
Mable Rose Junior.....	Glenville
Elise Kent.....	Statesboro
Nadine Cleveland Lewis.....	Savannah
Edna Kemp Luten.....	Savannah
Mary Kathleen Luten.....	Savannah
Emmaline Thompson Maddox.....	Savannah
Birdie Mells	Townsend
Eva Jones Moore.....	Statesboro
Freida Mae Patterson.....	Reidsville
Lorene Pressley	Savannah
Mae Ola Reynolds.....	Shellman
Willie Mae Sampson.....	Savannah
Albertha Moore Smith.....	Savannah
*Sadie Davis Steele.....	Savannah
Johnetta Maxwell Stroman.....	Savannah
Pennie Swinson	Ellabell
Etheleen Barnhart Talbert.....	Statesboro
*Winifred Veronica Taylor.....	Savannah
Sadie M. Twilley.....	White Plains
Laura Densler Vaughns.....	Savannah
Alma Mical Whitaker.....	Metter
Mary Milan Williams.....	Waycross

GENERAL SCIENCE

Vernell Jinks Maxwell.....	Savannah
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MATHEMATICS

**Arthur Loyd Haywood.....	Baxley
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*With honors.

**With high honors.

SOCIAL SCIENCES

Clarence LeRoy Andrews.....	Tignall
Vernon Spencer Butler.....	Statesboro
Jacqueline Beatrice Carter.....	Townsend
John Ealey Clark.....	Savannah
*Annie Ardnese Copeland.....	Hamilton
Willie Viola DeVillars.....	Savannah
Mildred Christine Dunson.....	LaGrange
Christerlee Bell Eaddy.....	Blackshear
Eoline Octavia Elliott.....	Savannah
*Maggie Walters Goins.....	Savannah
Eloise Holmes Harper.....	Savannah
*Anolda Parker McCoy.....	Savannah
Charles Nelson McCoy.....	Savannah
Vera Louise Orr.....	Savannah
Clarence Eugene Perkins, Jr.....	Savannah
Kennie Earl Sessoms.....	Savannah
Jewel Dean Thornton.....	Elberton
Lizzie Vining Young.....	Swainsboro

DIVISION of HOME ECONOMICS

Bessie Mae Ellison.....	Millen
Coreatha Williams.....	Jacksonville, Fla.

DIVISION of TRADES and INDUSTRIES

INDUSTRIAL EDUCATION

Harold Malachi Billups.....	Norfolk, Va.
Felton Jones Ransby.....	Newnan

*With honors.

**With high honors.

TRADE CERTIFICATES AWARDED

MARCH 20, 1948, THROUGH MARCH 19, 1949

NAME	TRADE	DATE OF AWARD	HOME
Ephriam L. Alston.....	Auto Mechanics...	March 19, 1949.....	Savannah
George Henry Atkinson.....	Electricity.....	March 19, 1949.....	Savannah
James Atkinson.....	Painting.....	December 18, 1948..	Savannah
James Baker.....	Painting.....	March 19, 1949...	Thunderbolt
Ulysses Banks.....	Masonry.....	December 18, 1948..	Savannah
John Austin Battey.....	Radio Repairing...	December 18, 1948..	Savannah
Willie C. Beasley.....	Radio Repairing...	December 18, 1948..	Savannah
Herbert Bennett.....	Shoe Repair.....	August 19, 1948.....	Savannah
John Bennett.....	Painting.....	August 19, 1948.....	Millen
Robert Bennett.....	Shoe Repair.....	March 19, 1949.....	Savannah
Willie Bright.....	Radio Repairing...	June 7, 1948.....	Savannah
Willie Broughton.....	Masonry.....	August 19, 1948..	Gifford, S.C.
Owen Henri Brown.....	Radio Repairing...	August 19, 1948.....	Savannah
Sam Brown.....	Radio Repairing...	Mar. 19, 1949	Hardeeville, S.C.
William Bryant.....	Radio Repairing...	August 19, 1948.....	Savannah
Jethar Burkett.....	Auto Mechanics...	March 19, 1949.....	Surrency
Samuel Chisholm.....	Painting.....	December 18, 1948..	Savannah
Eddie Clay.....	Radio Repairing...	March 20, 1948.....	Savannah
Jack Colbert.....	Radio Repairing...	March 19, 1949.....	Savannah
Curtis Coleman.....	Painting.....	March 20, 1948.....	Savannah
Sam Coleman.....	Body & Fender....	March 19, 1949.....	Savannah
Johnnie L. Cone.....	Electricity.....	June 7, 1948.....	Savannah
Willie Crawford.....	Shoe Repair.....	August 19, 1948.....	Savannah
Samuel L. Curry.....	Radio Repairing...	March 20, 1948.....	Savannah
Benjamin Demere.....	Radio Repairing...	March 19, 1949.....	Savannah
Thomas E. Drayton.....	Shoe Repair.....	August 19, 1948.....	Savannah
Willie Frank Early.....	Masonry.....	August 19, 1948.....	Savannah
Leroy D. Eastern.....	Masonry.....	August 19, 1948.....	Savannah
John Edwards.....	Painting.....	March 19, 1949.....	Savannah
Hardy Elliot.....	Body & Fender....	March 19, 1949.....	Savannah
David Emanuel.....	Shoe Repair.....	March 19, 1949.....	Savannah
Joseph N. Ferreebe.....	Shoe Repair.....	August 19, 1948.....	Savannah
Nathaniel Frazier.....	Radio Repairing...	March 19, 1949.....	Savannah

Leroy Glover.....Masonry.....Aug. 19, 1948..Hardeeville, S.C.
 David Golden.....Auto Mechanics...August 19, 1948..Bloomington
 Cecil R. Graham.....Radio Repairing...March 19, 1949.....Savannah
 Herman Graham.....Radio Repairing...August 19, 1948.....Savannah
 Curley Green.....Body and Fender...August 19, 1948.....Savannah
 David L. Green.....Radio Repairing...December 18, 1948....Wadley
 Herbert Green.....Auto Mechanics...December 18, 1948..Savannah
 Otis Green.....Radio Repairing...August 19, 1948.....Ocilla
 Fred Gregory.....Body & Fender....March 19, 1949.....Savannah
 Milas Griffin.....Radio Repairing...March 19, 1949.....Savannah
 James L. Habersham.....Shoe Repair.....June 7, 1948.....Savannah
 Ernest Hamilton.....Body & Fender....August 19, 1948.....Savannah
 James H. Hamilton.....Carpentry.....December 18, 1948..Savannah
 Nathaniel Hammond.....Painting.....March 19, 1949.....Savannah
 Calvin Harris.....Carpentry.....March 19, 1949.....Savannah
 Joseph B. Harris.....Electricity.....August 19, 1948.....Savannah
 Wilden Harris.....Auto Mechanics...June 7, 1948.....Manassas
 Joseph Haynes.....Radio Repairing...December 18, 1948..Savannah
 Samuel Hendrix.....Radio Repairing...June 7, 1948.....Savannah
 Archie Henry.....Radio Repairing...June 7, 1948.....Savannah
 David Hines.....Shoe Repair.....March 20, 1948.....Savannah
 Wilton Hines.....Radio Repairing...June 7, 1948.....Savannah
 Nathaniel Hooks.....Auto Mechanics...August 19, 1948.....Savannah
 Nathaniel Howard.....Radio Repairing...March 20, 1948.....Savannah
 Kenneth E. Hubbard.....Radio Repairing...December 18, 1948....Midway
 Harry Hunter.....Masonry.....August 19, 1948.....Savannah
 Samuel Artis Hunter.....Radio Repairing...August 19, 1948.....Savannah
 Samuel Hutchinson.....Masonry.....August 19, 1948.....Savannah
 Harry Jackson.....Painting.....December 18, 1948..Savannah
 Jethro Jenkins.....Painting.....March 20, 1948.....Savannah
 Ernest Johnson.....Masonry.....December 18, 1948..Savannah
 Joseph J. Johnson.....Radio Repairing...December 18, 1948..Savannah
 Moses Johnson.....Shoe Repair.....December 18, 1948..Savannah
 Willie Johnson.....Painting.....March 20, 1948.....Savannah
 Edward Joiner.....Painting.....June 7, 1948.....Savannah
 Brady Jones, Jr.....Electricity.....August 19, 1948.....Savannah

Clary Jones.....	Painting.....	March 19, 1949.....	Sandfly
Marion King.....	Shoe Repair.....	June 7, 1948.....	Savannah
Lee Porter Lester.....	Radio Repairing...	June 7, 1948.....	Macon
Arthur Levett.....	Shoe Repair.....	March 20, 1948.....	Savannah
Edward Lewis.....	Radio Repairing...	December 18, 1948..	Savannah
Joseph Lewis.....	Shoe Repair.....	August 19, 1948.....	Savannah
Elias Loman.....	Masonry.....	August 19, 1948.....	Savannah
Mark Obediah Lucas.....	Radio Repairing...	March 20, 1948.....	Hahira
Calvin J. McKennie.....	Shoe Repair.....	March 20, 1948.....	Wadley
Nathaniel Mangrum.....	Body & Fender....	August 19, 1948.....	Savannah
Benjamin Maxwell.....	Radio-Repairing...	June 7, 1948.....	Savannah
Clifford Maxwell.....	Painting.....	March 20, 1948.....	Savannah
Julian Maxwell.....	Radio Repairing...	March 19, 1949.....	Savannah
James F. May.....	Radio Repairing...	March 19, 1949.....	Americus
Joseph Middleton.....	Shoe Repair.....	March 20, 1948.....	Savannah
Albert Miller.....	Masonry.....	August 19, 1948.....	Savannah
Leroy Miller.....	Electricity.....	March 20, 1948....	Savannah
Robert Mitchell.....	Shoe Repair.....	March 19, 1949.....	Savannah
Tommie Moore.....	Radio Repairing...	March 19, 1949.....	Savannah
Harry Murry.....	Auto Mechanics...	March 19, 1949.....	Savannah
Larry Oliver.....	Auto Mechanics...	March 19, 1949.....	Savannah
Luther O'Neal.....	Body & Fender....	August 19, 1948.....	Savannah
Alvin Passmore.....	Masonry.....	August 19, 1948.....	Savannah
Joseph Patterson.....	Electricity.....	March 20, 1948.....	Savannah
Robert Patterson.....	Carpentry.....	December 18, 1948..	Savannah
Frank Powell, Jr.....	Radio Repairing...	March 19, 1949.....	Savannah
Alvin B. Pugh.....	Radio Repairing..	June 7, 1948.....	Bainbridge
William Raines.....	Radio Repairing...	June 7, 1948.....	Savannah
Nicholas Rawls, Jr.....	Shoe Repair.....	Aug. 19, 1948.	Gainesville, Fla.
Jacob C. Reddick.....	Auto Mechanics...	June 7, 1948.....	Savannah
Edward Reed.....	Carpentry.....	March 19, 1949.....	Savannah
James Henry Reedy.....	Radio Repairing...	August 19, 1948.....	Savannah
Joseph Rivers.....	Shoe Repair.....	February 15, 1948..	Savannah
Freddie V. Robinson.....	Auto Mechanics...	March 19, 1949.....	Savannah
Henry Robinson.....	Painting.....	June 7, 1948.....	Savannah
Jonas Robinson.....	Masonry.....	March 19, 1949.....	Savannah

Leon Rogers.....	Masonry.....	December 18, 1948..	Savannah
Walter Rutledge.....	Painting.....	March 19, 1949.....	Savannah
Clifford O. Ryals.....	Shoe Repair.....	August 19, 1948.....	Savannah
Robert Scarver.....	Radio Repairing...	August 19, 1948.....	Savannah
Herbert Scott.....	Electricity.....	March 20, 1948.....	Savannah
Henry Shellman.....	Body & Fender....	August 19, 1948.....	Savannah
Anderson D. Simmons.....	Electricity.....	June 7, 1948...	Beaufort, S.C.
Thomas Simmons.....	Electricity.....	March 20, 1948.....	Savannah
John Willie Smart.....	Shoe Repair.....	March 20, 1948.....	Savannah
John W. Smiley.....	Masonry.....	December 18, 1948..	Savannah
Willie R. Smith.....	Shoe Repair.....	March 19, 1949.....	Savannah
Willie R. Smith.....	Radio Repairing...	March 20, 1948.....	Savannah
John Snipes.....	Painting.....	March 19, 1949.....	Savannah
Clarence Solomon.....	Radio Repairing...	December 18, 1948..	Savannah
David I. Spann.....	Radio Repairing...	March 20, 1948.....	Savannah
Charlie Speed.....	Masonry.....	March 19, 1949.....	Savannah
Roy J. Stephens.....	Masonry.....	March 19, 1949.....	Dublin
Joseph Sterling.....	Painting.....	March 20, 1948.....	Savannah
Raleigh Stevens.....	Radio Repairing...	June 7, 1948.....	Savannah
James Strickland.....	Painting.....	March 20, 1948.....	Savannah
James Strickland.....	Shoe Repair.....	March 19, 1949.....	Savannah
Ned Tyler.....	Shoe Repair.....	August 19, 1948....	Estill, S.C.
Ezekiel Walker.....	Painting.....	March 20, 1948.....	Savannah
Marion Wallace.....	Radio Repairing...	December 18, 1948..	Savannah
Robert B. Washington.....	Shoe Repair.....	June 7, 1948.....	Savannah
Hosea Wilcox.....	Shoe Repair.....	March 19, 1949.....	Savannah
Adolphus Williams.....	Shoe Repair.....	March 20, 1948.....	Townsend
Earl Williams.....	Electricity.....	June 7, 1948.....	Savannah
James L. Williams.....	Electricity.....	March 19, 1949.....	Savannah
Lawrence Williams.....	Painting.....	March 20, 1948.....	Savannah
Rufus Williams.....	Electricity.....	December 18, 1948..	Savannah
Warren Williams, Jr.....	Shoe Repair.....	June 7, 1948.....	Millen
Willie Williams.....	Shoe Repair.....	March 20, 1948.....	Louisville
Eugene Wilson.....	Radio Repairing...	June 7, 1948.....	Savannah
Henry Clay Wilson.....	Shoe Repair.....	August 19, 1948.....	Savannah
Luther Woodard.....	Body & Fender....	August 19, 1948.....	Savannah
Nathaniel Wright.....	Radio Repairing...	March 20, 1948.....	Ray City
Robert Young.....	Masonry.....	August 19, 1948.....	Savannah

ANALYSIS OF ENROLMENT OF RESIDENCE STUDENTS, 1948-1949

(CUMULATIVE FOR FALL, WINTER AND SPRING QUARTERS)

	Freshman		Sophomore		Junior		Senior		Special		Totals		Grand Total
	M	W	M	W	M	W	M	W	M	W	M	W	
Agriculture	10	.....	12	.....	11	.....	27	1	.....	.....	60	1	61
Arts & Sciences													
Biology	27	18	11	6	8	1	5	.....	1	.....	52	25	77
Business	35	49	25	22	12	10	17	8	1	7	90	96	186
Chemistry	11	1	9	1	4	3	2	.....	.....	.....	26	5	31
El. Education	1	65	.....	59	.....	43	1	28	.....	5	2	200	202
English	6	13	4	3	5	9	.....	1	.....	.....	15	26	41
Gen. Science	3	3	3	2	1	1	.....	.....	.....	.....	7	6	13
Mathematics	9	8	3	1	6	7	1	2	.....	.....	19	18	37
Mus. Education	14	12	2	1	2	.....	.....	.....	.....	.....	18	13	31
Phys. Education	29	3	15	4	2	.....	.....	.....	.....	.....	46	7	53
Soc. Sciences	51	40	29	20	24	11	11	4	1	4	116	79	195
Home Economics . . . . .	.....	59	.....	28	.....	28	.....	20	.....	3	.....	138	138
Trades & Industries													
Ind. Arts	11	.....	7	.....	3	.....	3	.....	.....	.....	24	.....	24
Ind. Education	21	.....	12	.....	8	.....	.....	.....	.....	.....	41	.....	41
Trades Special . . . . .	.....	.....	.....	.....	.....	.....	.....	.....	341	.....	341	.....	341
TOTALS	228	271	132	147	86	113	67	64	344	19	857	614	1,471

Analysis of Trades Special Enrolment

Auto Mechanics	41
Body and Fender.....	21
Carpentry	46
Electricity	19
Machine Shop	14
Masonry	53
Painting	31
Radio Repair	65
Shoe Repair	51
	<hr/>
	341

Residence Enrolment by Classes

	Men	Women	Total
Senior Class	67	64	131
Junior Class	86	113	199
Sophomore Class	132	147	279
Freshman Class	228	271	499
Special (College)	3	19	22
Trades Special	341		341
			<hr/>
			1471

Enrolment by States

Florida	29
Georgia	1409
Illinois	2
Louisiana	4
Maryland	3
Michigan	1
Missouri	1
New York	2
North Carolina	1
Ohio	1
Pennsylvania	1
South Carolina	14
Virginia	2

Foreign Countries

Balboa, Canal Zone.....	1
	<hr/> 1471

Enrolment in Correspondence and Extension Courses

Summer, 1948, Correspondence.....	258
Fall, 1948, Correspondence.....	321
Winter, 1949, Correspondence.....	369
Winter, 1949, Extension.....	110
	<hr/> 1058

Enrolment in Campus Laboratory Schools

Nursery School, Winter Quarter.....	10
Powell Laboratory School	

	Boys	Girls	Total
First Semester	95	99	194
Second Semester	99	101	200

404

Enrolment for Summer Quarter, 1948

In Residence at Georgia State College

First Session	Men	Women	Total
College	268	554	822
Trades Special	257		257

1079

In Residence at Georgia State College

Second Session	Men	Women	Total
College	254	448	702
Trades Special	268		268

970

Washington County Workshop

First Session	3	95	98
Second Session	5	121	126

224

Summary of Enrolment (*excluding duplicates*)

Residence, Fall, Winter and Spring Quarters, 1948-49.....	1471
Correspondence and Extension, Summer, Fall, Winter Quarters, 1948-49..	479
Laboratory Schools, First and Second Sessions 1948-49.....	210
Summer Quarter, 1948 (including Washington County Workshop).....	1294
<hr/>	
Grand Total (<i>excluding duplicates</i>).....	3454

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